```html
1.  <!--
2.
3.  Dan Armendariz
4.  Computer Science S-76
5.  Harvard Summer School 2011
6.
7.  An HTML5 page with some mobile-specific features.
8.
9.  -->
10. <!DOCTYPE html>
11. <html>
12.     <head>
13.         <title>HTML5 Example</title>
14.         <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
15.
16.         <meta name="apple-mobile-web-app-status-bar-style" content="black" />
17.         <meta name="apple-mobile-web-app-capable" content="yes" />
18.
19.         <meta name="viewport" content="width=device-width" />
20.
21.         <!--
22.             IE versions older than 9 don't recognize the new HTML5 elements.
23.             See: http://remysharp.com/2009/01/07/html5-enabling-script/
24.         -->
25.         <!--[if lt IE 9]> <script>
26.         var e = ("article,footer,header,hgroup,nav,section,time").split(',');
27.         for (var i = 0; i < e.length; i++) {
28.             document.createElement(e[i]);
29.         }
30.         </script> <![endif]-->
31.
32.         <style type="text/css"><!--
33.
34.         /*
35.             html5 fix for old browsers to display those items as blocks.
36.             see: http://html5doctor.com/html-5-reset-stylesheet/
37.         */
38.         article,aside,details,figcaption,figure, footer,header,hgroup,menu,nav,section {  display:block; }
39.
40.         html, body {
41.             margin: 0;
42.             padding: 0;
43.             background-color: #c99;
44.             font: 12px sans-serif;
45.         }
46.
47.         header {
48.             margin: 0;
```

```
49.        padding: 0;
50.        text-align: center;
51.        border-bottom: 1px solid black;
52.    }
53.
54.    h2 {
55.        font: 13px sans-serif;
56.    }
57.
58.
59.    nav ul {
60.        margin: 1em;
61.        padding: 0;
62.    }
63.
64.    nav li {
65.        display: inline;
66.        margin: 0;
67.        padding: 1em;
68.    }
69.
70.    article {
71.        border: 1px solid black;
72.        width: 75%;
73.        padding: 1em;
74.        margin: 10px auto;
75.        background-color: white;
76.    }
77.
78.    article header {
79.        text-align: left;
80.        border-bottom: none;
81.    }
82.
83.    article h1 {
84.        margin: 0;
85.        padding: 0;
86.        font-size: 20px;
87.        font-weight: bold;
88.    }
89.
90.    footer {
91.        margin: 0;
92.        padding: 0;
93.        text-align: center;
94.        border-top: 1px solid black;
95.    }
96.
```

```
97.        --></style>
98.    </head>
99.
100.   <body>
101.
102.   <header>
103.       <hgroup>
104.           <h1>Mobile Example</h1>
105.           <h2>Sample page in HTML5 with some interesting features for mobile.</h2>
106.       </hgroup>
107.   </header>
108.
109.   <article>
110.       <p>
111.       To initiate a phone call:
112.       <a href="tel:18005551212">Give us a call!</a>
113.       </p>
114.
115.       <p>
116.       To initiate an SMS:
117.       <a href="sms:18005551212">Send us a text!</a><br />
118.       Though you can also send to multiple recipients:
119.       <a href="sms:18005551212,18005551313">Send all of us a txt!</a>
120.       </p>
121.
122.       <p>
123.       Standard input type (for comparison to the below):
124.       <input type="text" />
125.       </p>
126.
127.       <p>
128.       Email input type (generic to HTML5, but perhaps most useful for mobile):
129.       <input type="email" autocorrect="off" autocomplete="off" autocapitalize="off" />
130.       </p>
131.
132.       <p>
133.       URL input type (generic to HTML5, but perhaps most useful for mobile):
134.       <input type="url" autocorrect="off" autocomplete="off" autocapitalize="off" />
135.       </p>
136.
137.       <p>
138.       Also check out the head tag in the source to see some iPhone-specific tags!
139.       </p>
140.
141.       <p style="-webkit-user-select: none;">
142.       Try to select this sentence.
143.       </p>
144.   </article>
```

```
145.
146.        <footer>
147.            <p>Brought to you by <a href="http://www.cs76.net">cs76.net</a>.</p>
148.        </footer>
149.
150.        </body>
151. </html>
```

```
 1.  /*
 2.   * desktop.css
 3.   *
 4.   * Dan Armendariz
 5.   * Computer Science S-76
 6.   * Harvard Summer School 2011
 7.   *
 8.   * a simple CSS layout targeted for desktop browsers.
 9.   *
10.   */
11.
12.  body, html {
13.      margin: 0;
14.      padding: 0;
15.      background-color: #cc9999;
16.  }
17.
18.  #page {
19.      width: 800px;
20.      margin: 0 auto;
21.  }
22.
23.  #col1 {
24.      float: left;
25.      width: 358px;
26.      margin: 10px;
27.      padding: 10px;
28.      border: 1px solid black;
29.  }
30.
31.  #col2 {
32.      float: right;
33.      width: 358px;
34.      margin: 10px;
35.      padding: 10px;
36.      border: 1px solid black;
37.  }
```

```
1.  <!--
2.
3.  Dan Armendariz
4.  Computer Science S-76
5.  Harvard Summer School 2011
6.
7.  Demo a simple XHTML page.
8.
9.  -->
10.
11. <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
12. "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
13. <html xmlns="http://www.w3.org/1999/xhtml">
14.
15. <head>
16.     <title>Computer Science S-76: Lecture 0 demo 0</title>
17. </head>
18.
19. <body>
20.
21.     <p>
22.     This course focuses on developing applications for modern smartphone
23.     operating systems. Most of the course is dedicated to Apple's iPhone OS and
24.     Google's Android. Rapid application development techniques are covered, as
25.     well as setup of the development environment, real-world testing, and
26.     deployment to both the iTunes App Store and Android Marketplace.
27.     Prerequisite: CSCI E-12, or the equivalent.
28.     </p>
29.
30.     <p>
31.     Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis pharetra
32.     faucibus magna, vitae pharetra libero fermentum nec. Aenean varius cursus
33.     lectus, id blandit dolor imperdiet ac. Proin accumsan bibendum ligula, vel
34.     volutpat ipsum condimentum non. Pellentesque id erat nec leo mollis
35.     dignissim eleifend sed ligula. Nullam laoreet velit a lectus vestibulum
36.     pulvinar. Praesent faucibus cursus feugiat. Suspendisse suscipit, nunc non
37.     sollicitudin scelerisque, dui elit ultrices purus, in faucibus mauris
38.     justo vel nisi. Phasellus luctus, mauris vitae ultrices tempor, tellus
39.     mauris porta nisi, a interdum lorem elit non ligula. Aenean ut magna ut
40.     nisi ultricies tincidunt nec at magna. Mauris tellus lorem, tristique id
41.     convallis sit amet, tincidunt nec dolor. Nam odio orci, consequat et
42.     hendrerit ut, auctor ut arcu. Nam vulputate blandit feugiat. Aliquam erat
43.     volutpat. Curabitur interdum enim non justo commodo facilisis. Phasellus
44.     lobortis mauris nec purus posuere porta. Maecenas interdum eros id tellus
45.     varius dictum. Curabitur arcu enim, varius a venenatis non, sagittis eu
46.     turpis. Sed et vulputate ante. Etiam erat nibh, ultricies accumsan mattis
47.     luctus, eleifend fringilla leo. Quisque aliquet dui sit amet turpis
48.     pellentesque quis facilisis metus vestibulum.
```

```
49.        </p>
50.
51.    </body>
52.    </html>
```

```
 1.  <!--
 2.
 3.  Dan Armendariz
 4.  Computer Science S-76
 5.  Harvard Summer School 2011
 6.
 7.  Demo a simple XHTML and CSS page designed for desktop viewing.
 8.
 9.  -->
10.
11.  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
12.  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
13.  <html xmlns="http://www.w3.org/1999/xhtml">
14.
15.  <head>
16.      <title>Computer Science S-76: Lecture 0 demo 1</title>
17.      <link href="desktop.css" rel="stylesheet" type="text/css" />
18.  </head>
19.
20.  <body>
21.
22.      <div id="page">
23.
24.          <div id="col1">
25.          Today's applications are increasingly mobile. Computers are no longer
26.          confined to desks and laps but instead live in our pockets and hands.
27.          This course teaches students how to build mobile apps for Android and
28.          iOS, two of today's most popular platforms, and how to deploy them in
29.          Android Market and the App Store. Students learn to write native apps
30.          for Android using Eclipse and the Android SDK, to write native apps
31.          for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and
32.          to write web apps for both platforms. Prerequisites: prior programming
33.          experience in any object-oriented language and familiarity with HTML
34.          is assumed. Distance students must have access to an Intel-based Mac
35.          running Mac OS X Snow Leopard version 10.6.4 or later. Local students
36.          will have access to Macs on campus as needed.
37.          </div>
38.
39.          <div id="col2">
40.          Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis pharetra
41.          faucibus magna, vitae pharetra libero fermentum nec. Aenean varius
42.          cursus lectus, id blandit dolor imperdiet ac. Proin accumsan bibendum
43.          ligula, vel volutpat ipsum condimentum non. Pellentesque id erat nec
44.          leo mollis dignissim eleifend sed ligula. Nullam laoreet velit a
45.          lectus vestibulum pulvinar. Praesent faucibus cursus feugiat.
46.          Suspendisse suscipit, nunc non sollicitudin scelerisque, dui elit
47.          ultrices purus, in faucibus mauris justo vel nisi. Phasellus luctus,
48.          mauris vitae ultrices tempor, tellus mauris porta nisi, a interdum
```

```
49.        lorem elit non ligula. Aenean ut magna ut nisi ultricies tincidunt nec
50.        at magna. Mauris tellus lorem, tristique id convallis sit amet,
51.        tincidunt nec dolor. Nam odio orci, consequat et hendrerit ut, auctor
52.        ut arcu. Nam vulputate blandit feugiat. Aliquam erat volutpat.
53.        Curabitur interdum enim non justo commodo facilisis. Phasellus
54.        lobortis mauris nec purus posuere porta. Maecenas interdum eros id
55.        tellus varius dictum. Curabitur arcu enim, varius a venenatis non,
56.        sagittis eu turpis. Sed et vulputate ante. Etiam erat nibh, ultricies
57.        accumsan mattis luctus, eleifend fringilla leo. Quisque aliquet dui sit
58.        amet turpis pellentesque quis facilisis metus vestibulum.
59.        </div>
60.
61.    </div>
62.
63. </body>
64. </html>
```

```
1.  <!--
2.
3.  Dan Armendariz
4.  Computer Science S-76
5.  Harvard Summer School 2011
6.
7.  Demo a simple XHTML and CSS page designed for mobile viewing.
8.
9.  -->
10.
11.  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
12.  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
13.  <html xmlns="http://www.w3.org/1999/xhtml">
14.
15.  <head>
16.      <title>Computer Science S-76: Lecture 0 demo 2</title>
17.      <link href="mobile.css" rel="stylesheet" type="text/css" />
18.  </head>
19.
20.  <body>
21.
22.      <div id="page">
23.
24.          <div id="col1">
25.          Today's applications are increasingly mobile. Computers are no longer
26.          confined to desks and laps but instead live in our pockets and hands.
27.          This course teaches students how to build mobile apps for Android and
28.          iOS, two of today's most popular platforms, and how to deploy them in
29.          Android Market and the App Store. Students learn to write native apps
30.          for Android using Eclipse and the Android SDK, to write native apps
31.          for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and
32.          to write web apps for both platforms. Prerequisites: prior programming
33.          experience in any object-oriented language and familiarity with HTML
34.          is assumed. Distance students must have access to an Intel-based Mac
35.          running Mac OS X Snow Leopard version 10.6.4 or later. Local students
36.          will have access to Macs on campus as needed.
37.          </div>
38.
39.          <div id="col2">
40.          Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis pharetra
41.          faucibus magna, vitae pharetra libero fermentum nec. Aenean varius
42.          cursus lectus, id blandit dolor imperdiet ac. Proin accumsan bibendum
43.          ligula, vel volutpat ipsum condimentum non. Pellentesque id erat nec
44.          leo mollis dignissim eleifend sed ligula. Nullam laoreet velit a
45.          lectus vestibulum pulvinar. Praesent faucibus cursus feugiat.
46.          Suspendisse suscipit, nunc non sollicitudin scelerisque, dui elit
47.          ultrices purus, in faucibus mauris justo vel nisi. Phasellus luctus,
48.          mauris vitae ultrices tempor, tellus mauris porta nisi, a interdum
```

```
49.        lorem elit non ligula. Aenean ut magna ut nisi ultricies tincidunt nec
50.        at magna. Mauris tellus lorem, tristique id convallis sit amet,
51.        tincidunt nec dolor. Nam odio orci, consequat et hendrerit ut, auctor
52.        ut arcu. Nam vulputate blandit feugiat. Aliquam erat volutpat.
53.        Curabitur interdum enim non justo commodo facilisis. Phasellus
54.        lobortis mauris nec purus posuere porta. Maecenas interdum eros id
55.        tellus varius dictum. Curabitur arcu enim, varius a venenatis non,
56.        sagittis eu turpis. Sed et vulputate ante. Etiam erat nibh, ultricies
57.        accumsan mattis luctus, eleifend fringilla leo. Quisque aliquet dui sit
58.        amet turpis pellentesque quis facilisis metus vestibulum.
59.        </div>
60.
61.     </div>
62.
63. </body>
64. </html>
```

```
 1.  <!--
 2.
 3.  Dan Armendariz
 4.  Computer Science S-76
 5.  Harvard Summer School 2011
 6.
 7.  Demo a simple XHTML and CSS page designed for mobile viewing, improving
 8.  on the width of the content on mobile devices.
 9.
10.  -->
11.
12.  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
13.  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
14.  <html xmlns="http://www.w3.org/1999/xhtml">
15.
16.  <head>
17.      <title>Computer Science S-76: Lecture 0 demo 3</title>
18.      <meta name="viewport" content="width=device-width" />
19.      <link href="mobile.css" rel="stylesheet" type="text/css" />
20.  </head>
21.
22.  <body>
23.
24.      <div id="page">
25.
26.          <div id="col1">
27.          Today's applications are increasingly mobile. Computers are no longer
28.          confined to desks and laps but instead live in our pockets and hands.
29.          This course teaches students how to build mobile apps for Android and
30.          iOS, two of today's most popular platforms, and how to deploy them in
31.          Android Market and the App Store. Students learn to write native apps
32.          for Android using Eclipse and the Android SDK, to write native apps
33.          for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and
34.          to write web apps for both platforms. Prerequisites: prior programming
35.          experience in any object-oriented language and familiarity with HTML
36.          is assumed. Distance students must have access to an Intel-based Mac
37.          running Mac OS X Snow Leopard version 10.6.4 or later. Local students
38.          will have access to Macs on campus as needed.
39.          </div>
40.
41.          <div id="col2">
42.          Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis pharetra
43.          faucibus magna, vitae pharetra libero fermentum nec. Aenean varius
44.          cursus lectus, id blandit dolor imperdiet ac. Proin accumsan bibendum
45.          ligula, vel volutpat ipsum condimentum non. Pellentesque id erat nec
46.          leo mollis dignissim eleifend sed ligula. Nullam laoreet velit a
47.          lectus vestibulum pulvinar. Praesent faucibus cursus feugiat.
48.          Suspendisse suscipit, nunc non sollicitudin scelerisque, dui elit
```

```
49.        ultrices purus, in faucibus mauris justo vel nisi. Phasellus luctus,
50.        mauris vitae ultrices tempor, tellus mauris porta nisi, a interdum
51.        lorem elit non ligula. Aenean ut magna ut nisi ultricies tincidunt nec
52.        at magna. Mauris tellus lorem, tristique id convallis sit amet,
53.        tincidunt nec dolor. Nam odio orci, consequat et hendrerit ut, auctor
54.        ut arcu. Nam vulputate blandit feugiat. Aliquam erat volutpat.
55.        Curabitur interdum enim non justo commodo facilisis. Phasellus
56.        lobortis mauris nec purus posuere porta. Maecenas interdum eros id
57.        tellus varius dictum. Curabitur arcu enim, varius a venenatis non,
58.        sagittis eu turpis. Sed et vulputate ante. Etiam erat nibh, ultricies
59.        accumsan mattis luctus, eleifend fringilla leo. Quisque aliquet dui sit
60.        amet turpis pellentesque quis facilisis metus vestibulum.
61.        </div>
62.
63.    </div>
64.
65. </body>
66. </html>
```

```
1.  <!--
2.
3.  Dan Armendariz
4.  Computer Science S-76
5.  Harvard Summer School 2011
6.
7.  Demo a simple XHTML and CSS page designed for mobile viewing. Now with more
8.  flourish in the mobile CSS.
9.
10. -->
11.
12. <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
13. "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
14. <html xmlns="http://www.w3.org/1999/xhtml">
15.
16. <head>
17.     <title>Computer Science S-76: Lecture 0 demo 4</title>
18.     <meta name="viewport" content="width=device-width, initial-scale=1.0" />
19.     <link href="mobile2.css" rel="stylesheet" type="text/css" />
20. </head>
21.
22. <body>
23.
24.     <div id="page">
25.
26.         <div id="col1">
27.         Today's applications are increasingly mobile. Computers are no longer
28.         confined to desks and laps but instead live in our pockets and hands.
29.         This course teaches students how to build mobile apps for Android and
30.         iOS, two of today's most popular platforms, and how to deploy them in
31.         Android Market and the App Store. Students learn to write native apps
32.         for Android using Eclipse and the Android SDK, to write native apps
33.         for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and
34.         to write web apps for both platforms. Prerequisites: prior programming
35.         experience in any object-oriented language and familiarity with HTML
36.         is assumed. Distance students must have access to an Intel-based Mac
37.         running Mac OS X Snow Leopard version 10.6.4 or later. Local students
38.         will have access to Macs on campus as needed.
39.         </div>
40.
41.         <div id="col2">
42.         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis pharetra
43.         faucibus magna, vitae pharetra libero fermentum nec. Aenean varius
44.         cursus lectus, id blandit dolor imperdiet ac. Proin accumsan bibendum
45.         ligula, vel volutpat ipsum condimentum non. Pellentesque id erat nec
46.         leo mollis dignissim eleifend sed ligula. Nullam laoreet velit a
47.         lectus vestibulum pulvinar. Praesent faucibus cursus feugiat.
48.         Suspendisse suscipit, nunc non sollicitudin scelerisque, dui elit
```

```
49.        ultrices purus, in faucibus mauris justo vel nisi. Phasellus luctus,
50.        mauris vitae ultrices tempor, tellus mauris porta nisi, a interdum
51.        lorem elit non ligula. Aenean ut magna ut nisi ultricies tincidunt nec
52.        at magna. Mauris tellus lorem, tristique id convallis sit amet,
53.        tincidunt nec dolor. Nam odio orci, consequat et hendrerit ut, auctor
54.        ut arcu. Nam vulputate blandit feugiat. Aliquam erat volutpat.
55.        Curabitur interdum enim non justo commodo facilisis. Phasellus
56.        lobortis mauris nec purus posuere porta. Maecenas interdum eros id
57.        tellus varius dictum. Curabitur arcu enim, varius a venenatis non,
58.        sagittis eu turpis. Sed et vulputate ante. Etiam erat nibh, ultricies
59.        accumsan mattis luctus, eleifend fringilla leo. Quisque aliquet dui sit
60.        amet turpis pellentesque quis facilisis metus vestibulum.
61.        </div>
62.    </div>
63.
64. </body>
65. </html>
```

```
1.  <!--
2.
3.  Dan Armendariz
4.  Computer Science S-76
5.  Harvard Summer School 2011
6.
7.  Even MORE flourish in the CSS.
8.
9.  -->
10.
11. <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
12. "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
13. <html xmlns="http://www.w3.org/1999/xhtml">
14.
15. <head>
16.     <title>Computer Science S-76: Lecture 0 demo 4a</title>
17.     <meta name="viewport" content="width=device-width" />
18.     <link href="mobile3.css" rel="stylesheet" type="text/css" />
19. </head>
20.
21. <body>
22.
23.     <div id="page">
24.
25.         <div id="col1">
26.         Today's applications are increasingly mobile. Computers are no longer
27.         confined to desks and laps but instead live in our pockets and hands.
28.         This course teaches students how to build mobile apps for Android and
29.         iOS, two of today's most popular platforms, and how to deploy them in
30.         Android Market and the App Store. Students learn to write native apps
31.         for Android using Eclipse and the Android SDK, to write native apps
32.         for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and
33.         to write web apps for both platforms. Prerequisites: prior programming
34.         experience in any object-oriented language and familiarity with HTML
35.         is assumed. Distance students must have access to an Intel-based Mac
36.         running Mac OS X Snow Leopard version 10.6.4 or later. Local students
37.         will have access to Macs on campus as needed.
38.         </div>
39.
40.         <div id="col2">
41.         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis pharetra
42.         faucibus magna, vitae pharetra libero fermentum nec. Aenean varius
43.         cursus lectus, id blandit dolor imperdiet ac. Proin accumsan bibendum
44.         ligula, vel volutpat ipsum condimentum non. Pellentesque id erat nec
45.         leo mollis dignissim eleifend sed ligula. Nullam laoreet velit a
46.         lectus vestibulum pulvinar. Praesent faucibus cursus feugiat.
47.         Suspendisse suscipit, nunc non sollicitudin scelerisque, dui elit
48.         ultrices purus, in faucibus mauris justo vel nisi. Phasellus luctus,
```

```
49.          mauris vitae ultrices tempor, tellus mauris porta nisi, a interdum
50.          lorem elit non ligula. Aenean ut magna ut nisi ultricies tincidunt nec
51.          at magna. Mauris tellus lorem, tristique id convallis sit amet,
52.          tincidunt nec dolor. Nam odio orci, consequat et hendrerit ut, auctor
53.          ut arcu. Nam vulputate blandit feugiat. Aliquam erat volutpat.
54.          Curabitur interdum enim non justo commodo facilisis. Phasellus
55.          lobortis mauris nec purus posuere porta. Maecenas interdum eros id
56.          tellus varius dictum. Curabitur arcu enim, varius a venenatis non,
57.          sagittis eu turpis. Sed et vulputate ante. Etiam erat nibh, ultricies
58.          accumsan mattis luctus, eleifend fringilla leo. Quisque aliquet dui sit
59.          amet turpis pellentesque quis facilisis metus vestibulum.
60.        </div>
61.
62.        <div id="fancy">
63.            <div id="transform">
64.            This text should be transformed.
65.            </div>
66.
67.            <div id="rotate">
68.            This text should be rotated.
69.            </div>
70.
71.            <div id="multiple">
72.            Multiple transforms have been applied to this text.
73.            </div>
74.
75.            <div id="change">
76.            This box should change when you hover your mouse over it!
77.            </div>
78.        </div>
79.      </div>
80.
81.  </body>
82.  </html>
```

```
1.  <!--
2.
3.  Dan Armendariz
4.  Computer Science S-76
5.  Harvard Summer School 2011
6.
7.  Demo a simple XHTML and CSS page, and we'll automatically detect and provide
8.  the correct CSS for the platform with CSS media selectors.
9.  But what's the problem?
10.
11. -->
12.
13. <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
14. "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
15. <html xmlns="http://www.w3.org/1999/xhtml">
16.
17. <head>
18.     <title>Computer Science S-76: Lecture 0 demo 5</title>
19.     <meta name="viewport" content="width=device-width" />
20.
21.     <link href="desktop.css" rel="stylesheet" type="text/css" media="screen and (min-device-width: 481px)" />
22.     <link href="mobile2.css" rel="stylesheet" type="text/css" media="only screen and (max-device-width: 480px)" />
23.     <link href="mobile2.css" rel="stylesheet" type="text/css" media="handheld" />
24.     <!--[if IE]>
25.     <link href="desktop.css" rel="stylesheet" type="text/css" media="screen" />
26.     <![endif]-->
27.
28. </head>
29.
30. <body>
31.
32.     <div id="page">
33.
34.         <div id="col1">
35.         Today's applications are increasingly mobile. Computers are no longer
36.         confined to desks and laps but instead live in our pockets and hands.
37.         This course teaches students how to build mobile apps for Android and
38.         iOS, two of today's most popular platforms, and how to deploy them in
39.         Android Market and the App Store. Students learn to write native apps
40.         for Android using Eclipse and the Android SDK, to write native apps
41.         for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and
42.         to write web apps for both platforms. Prerequisites: prior programming
43.         experience in any object-oriented language and familiarity with HTML
44.         is assumed. Distance students must have access to an Intel-based Mac
45.         running Mac OS X Snow Leopard version 10.6.4 or later. Local students
46.         will have access to Macs on campus as needed.
47.         </div>
48.
```

```
49.          <div id="col2">
50.          Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis pharetra
51.          faucibus magna, vitae pharetra libero fermentum nec. Aenean varius
52.          cursus lectus, id blandit dolor imperdiet ac. Proin accumsan bibendum
53.          ligula, vel volutpat ipsum condimentum non. Pellentesque id erat nec
54.          leo mollis dignissim eleifend sed ligula. Nullam laoreet velit a
55.          lectus vestibulum pulvinar. Praesent faucibus cursus feugiat.
56.          Suspendisse suscipit, nunc non sollicitudin scelerisque, dui elit
57.          ultrices purus, in faucibus mauris justo vel nisi. Phasellus luctus,
58.          mauris vitae ultrices tempor, tellus mauris porta nisi, a interdum
59.          lorem elit non ligula. Aenean ut magna ut nisi ultricies tincidunt nec
60.          at magna. Mauris tellus lorem, tristique id convallis sit amet,
61.          tincidunt nec dolor. Nam odio orci, consequat et hendrerit ut, auctor
62.          ut arcu. Nam vulputate blandit feugiat. Aliquam erat volutpat.
63.          Curabitur interdum enim non justo commodo facilisis. Phasellus
64.          lobortis mauris nec purus posuere porta. Maecenas interdum eros id
65.          tellus varius dictum. Curabitur arcu enim, varius a venenatis non,
66.          sagittis eu turpis. Sed et vulputate ante. Etiam erat nibh, ultricies
67.          accumsan mattis luctus, eleifend fringilla leo. Quisque aliquet dui sit
68.          amet turpis pellentesque quis facilisis metus vestibulum.
69.          </div>
70.      </div>
71.
72.  </body>
73.  </html>
```

```
1.  <!--
2.
3.  Dan Armendariz
4.  Computer Science S-76
5.  Harvard Summer School 2011
6.
7.  Demo a simple XHTML and CSS page, and we'll automatically detect and provide
8.  the correct CSS for the platform with JavaScript.
9.  But there might be problems here, as well.
10.
11. -->
12.
13. <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
14. "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
15. <html xmlns="http://www.w3.org/1999/xhtml">
16.
17. <head>
18.     <title>Computer Science S-76: Lecture 0 demo 6</title>
19.     <meta name="viewport" content="width=device-width" />
20.
21.     <script language='JavaScript' type='text/javascript'>
22.     // <![CDATA[
23.
24.         if (navigator.userAgent.indexOf('iPhone') != -1 || navigator.userAgent.indexOf('Android') != -1) {
25.             document.write('<link href="mobile2.css" rel="stylesheet" type="text/css" />');
26.         } else {
27.             document.write('<link href="desktop.css" rel="stylesheet" type="text/css" />');
28.         }
29.
30.     // ]]>
31.     </script>
32.
33. </head>
34.
35. <body>
36.
37.     <div id="page">
38.
39.         <div id="col1">
40.         Today's applications are increasingly mobile. Computers are no longer
41.         confined to desks and laps but instead live in our pockets and hands.
42.         This course teaches students how to build mobile apps for Android and
43.         iOS, two of today's most popular platforms, and how to deploy them in
44.         Android Market and the App Store. Students learn to write native apps
45.         for Android using Eclipse and the Android SDK, to write native apps
46.         for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and
47.         to write web apps for both platforms. Prerequisites: prior programming
48.         experience in any object-oriented language and familiarity with HTML
```

```
49.        is assumed. Distance students must have access to an Intel-based Mac
50.        running Mac OS X Snow Leopard version 10.6.4 or later. Local students
51.        will have access to Macs on campus as needed.
52.        </div>
53.
54.        <div id="col2">
55.        Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis pharetra
56.        faucibus magna, vitae pharetra libero fermentum nec. Aenean varius
57.        cursus lectus, id blandit dolor imperdiet ac. Proin accumsan bibendum
58.        ligula, vel volutpat ipsum condimentum non. Pellentesque id erat nec
59.        leo mollis dignissim eleifend sed ligula. Nullam laoreet velit a
60.        lectus vestibulum pulvinar. Praesent faucibus cursus feugiat.
61.        Suspendisse suscipit, nunc non sollicitudin scelerisque, dui elit
62.        ultrices purus, in faucibus mauris justo vel nisi. Phasellus luctus,
63.        mauris vitae ultrices tempor, tellus mauris porta nisi, a interdum
64.        lorem elit non ligula. Aenean ut magna ut nisi ultricies tincidunt nec
65.        at magna. Mauris tellus lorem, tristique id convallis sit amet,
66.        tincidunt nec dolor. Nam odio orci, consequat et hendrerit ut, auctor
67.        ut arcu. Nam vulputate blandit feugiat. Aliquam erat volutpat.
68.        Curabitur interdum enim non justo commodo facilisis. Phasellus
69.        lobortis mauris nec purus posuere porta. Maecenas interdum eros id
70.        tellus varius dictum. Curabitur arcu enim, varius a venenatis non,
71.        sagittis eu turpis. Sed et vulputate ante. Etiam erat nibh, ultricies
72.        accumsan mattis luctus, eleifend fringilla leo. Quisque aliquet dui sit
73.        amet turpis pellentesque quis facilisis metus vestibulum.
74.        </div>
75.    </div>
76.
77. </body>
78. </html>
```

```
 1.  <!--
 2.
 3.  Dan Armendariz
 4.  Computer Science S-76
 5.  Harvard Summer School 2011
 6.
 7.  Demo a simple XHTML and CSS page, and we'll automatically detect and provide
 8.  the correct CSS for the platform with (better?) JavaScript.
 9.  But there might be problems here, as well.
10.
11.  -->
12.
13.  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
14.  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
15.  <html xmlns="http://www.w3.org/1999/xhtml">
16.
17.  <head>
18.      <title>Computer Science S-76: Lecture 0 demo 7</title>
19.      <meta name="viewport" content="width=device-width" />
20.
21.      <script language='JavaScript' type='text/javascript'>
22.      // <![CDATA[
23.
24.          if (navigator.userAgent.match(/iPhone/i) || navigator.userAgent.match(/Android/i)) {
25.              document.write('<link href="mobile2.css" rel="stylesheet" type="text/css" />');
26.          } else {
27.              document.write('<link href="desktop.css" rel="stylesheet" type="text/css" />');
28.          }
29.
30.      // ]]>
31.      </script>
32.
33.  </head>
34.
35.  <body>
36.
37.      <div id="page">
38.
39.          <div id="col1">
40.          Today's applications are increasingly mobile. Computers are no longer
41.          confined to desks and laps but instead live in our pockets and hands.
42.          This course teaches students how to build mobile apps for Android and
43.          iOS, two of today's most popular platforms, and how to deploy them in
44.          Android Market and the App Store. Students learn to write native apps
45.          for Android using Eclipse and the Android SDK, to write native apps
46.          for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and
47.          to write web apps for both platforms. Prerequisites: prior programming
48.          experience in any object-oriented language and familiarity with HTML
```

```
49.      is assumed. Distance students must have access to an Intel-based Mac
50.      running Mac OS X Snow Leopard version 10.6.4 or later. Local students
51.      will have access to Macs on campus as needed.
52.      </div>
53.
54.      <div id="col2">
55.      Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis pharetra
56.      faucibus magna, vitae pharetra libero fermentum nec. Aenean varius
57.      cursus lectus, id blandit dolor imperdiet ac. Proin accumsan bibendum
58.      ligula, vel volutpat ipsum condimentum non. Pellentesque id erat nec
59.      leo mollis dignissim eleifend sed ligula. Nullam laoreet velit a
60.      lectus vestibulum pulvinar. Praesent faucibus cursus feugiat.
61.      Suspendisse suscipit, nunc non sollicitudin scelerisque, dui elit
62.      ultrices purus, in faucibus mauris justo vel nisi. Phasellus luctus,
63.      mauris vitae ultrices tempor, tellus mauris porta nisi, a interdum
64.      lorem elit non ligula. Aenean ut magna ut nisi ultricies tincidunt nec
65.      at magna. Mauris tellus lorem, tristique id convallis sit amet,
66.      tincidunt nec dolor. Nam odio orci, consequat et hendrerit ut, auctor
67.      ut arcu. Nam vulputate blandit feugiat. Aliquam erat volutpat.
68.      Curabitur interdum enim non justo commodo facilisis. Phasellus
69.      lobortis mauris nec purus posuere porta. Maecenas interdum eros id
70.      tellus varius dictum. Curabitur arcu enim, varius a venenatis non,
71.      sagittis eu turpis. Sed et vulputate ante. Etiam erat nibh, ultricies
72.      accumsan mattis luctus, eleifend fringilla leo. Quisque aliquet dui sit
73.      amet turpis pellentesque quis facilisis metus vestibulum.
74.      </div>
75.    </div>
76.
77. </body>
78. </html>
```

```php
1.  <?
2.
3.  /*
4.   * Dan Armendariz
5.   * Computer Science S-76
6.   * Harvard Summer School 2011
7.   *
8.   * Demo a simple XHTML and CSS page, and we'll automatically detect and provide
9.   * the correct CSS for the platform with (better?) JavaScript.
10.  * But there might be problems here, as well.
11.  */
12.
13.  ?>
14.  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
15.  "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
16.  <html xmlns="http://www.w3.org/1999/xhtml">
17.
18.  <head>
19.      <title>Computer Science S-76: Lecture 0 demo 8</title>
20.      <meta name="viewport" content="width=device-width" />
21.
22.  <?
23.      if(strstr($_SERVER['HTTP_USER_AGENT'],'iPhone') || strstr($_SERVER['HTTP_USER_AGENT'],'Android')) {
24.          ?> <link href="mobile2.css" rel="stylesheet" type="text/css" /> <?
25.      } else {
26.          ?> <link href="desktop.css" rel="stylesheet" type="text/css" /> <?
27.      }
28.  ?>
29.
30.  </head>
31.
32.  <body>
33.
34.      <div id="page">
35.
36.          <div id="col1">
37.          Today's applications are increasingly mobile. Computers are no longer
38.          confined to desks and laps but instead live in our pockets and hands.
39.          This course teaches students how to build mobile apps for Android and
40.          iOS, two of today's most popular platforms, and how to deploy them in
41.          Android Market and the App Store. Students learn to write native apps
42.          for Android using Eclipse and the Android SDK, to write native apps
43.          for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and
44.          to write web apps for both platforms. Prerequisites: prior programming
45.          experience in any object-oriented language and familiarity with HTML
46.          is assumed. Distance students must have access to an Intel-based Mac
47.          running Mac OS X Snow Leopard version 10.6.4 or later. Local students
48.          will have access to Macs on campus as needed.
```

```
49.         </div>
50.
51.         <div id="col2">
52.         Lorem ipsum dolor sit amet, consectetur adipiscing elit. Duis pharetra
53.         faucibus magna, vitae pharetra libero fermentum nec. Aenean varius
54.         cursus lectus, id blandit dolor imperdiet ac. Proin accumsan bibendum
55.         ligula, vel volutpat ipsum condimentum non. Pellentesque id erat nec
56.         leo mollis dignissim eleifend sed ligula. Nullam laoreet velit a
57.         lectus vestibulum pulvinar. Praesent faucibus cursus feugiat.
58.         Suspendisse suscipit, nunc non sollicitudin scelerisque, dui elit
59.         ultrices purus, in faucibus mauris justo vel nisi. Phasellus luctus,
60.         mauris vitae ultrices tempor, tellus mauris porta nisi, a interdum
61.         lorem elit non ligula. Aenean ut magna ut nisi ultricies tincidunt nec
62.         at magna. Mauris tellus lorem, tristique id convallis sit amet,
63.         tincidunt nec dolor. Nam odio orci, consequat et hendrerit ut, auctor
64.         ut arcu. Nam vulputate blandit feugiat. Aliquam erat volutpat.
65.         Curabitur interdum enim non justo commodo facilisis. Phasellus
66.         lobortis mauris nec purus posuere porta. Maecenas interdum eros id
67.         tellus varius dictum. Curabitur arcu enim, varius a venenatis non,
68.         sagittis eu turpis. Sed et vulputate ante. Etiam erat nibh, ultricies
69.         accumsan mattis luctus, eleifend fringilla leo. Quisque aliquet dui sit
70.         amet turpis pellentesque quis facilisis metus vestibulum.
71.         </div>
72.     </div>
73.
74. </body>
75. </html>
```

```css
 1. /*
 2.  * mobile.css
 3.  *
 4.  * Dan Armendariz
 5.  * Computer Science S-76
 6.  * Harvard Summer School 2011
 7.  *
 8.  * a simple CSS layout targeted for mobile platforms.
 9.  *
10.  */
11.
12. body, html {
13.     margin: 0;
14.     padding: 0;
15.     background-color: #9999cc;
16. }
17.
18. #page {
19.     margin: 0 auto;
20. }
21.
22. #col1 {
23.     margin: 10px;
24.     padding: 10px;
25.     border: 1px solid black;
26. }
27.
28. #col2 {
29.     margin: 10px;
30.     padding: 10px;
31.     border: 1px solid black;
32. }
```

```
 1.  /*
 2.   * mobile2.css
 3.   *
 4.   * Dan Armendariz
 5.   * Computer Science S-76
 6.   * Harvard Summer School 2011
 7.   *
 8.   * a simple (but better) CSS layout targeted for mobile platforms.
 9.   *
10.   */
11.
12.  body, html {
13.      margin: 0;
14.      padding: 0;
15.      background-color: #9999cc;
16.  }
17.
18.  #page {
19.      margin: 0 auto;
20.  }
21.
22.  #col1 {
23.      margin: 10px;
24.      padding: 10px;
25.      border: 1px solid black;
26.
27.      -webkit-border-top-left-radius: 8px;
28.      -webkit-border-top-right-radius: 8px;
29.      -webkit-border-bottom-left-radius: 8px;
30.      -webkit-border-bottom-right-radius: 8px;
31.      background-image: -webkit-gradient(linear, left top, right bottom,from(#ccc),to(#999));
32.  }
33.
34.  #col2 {
35.      margin: 10px;
36.      padding: 10px;
37.      border: 1px solid black;
38.
39.      -webkit-border-top-left-radius: 8px;
40.      -webkit-border-top-right-radius: 8px;
41.      -webkit-border-bottom-left-radius: 8px;
42.      -webkit-border-bottom-right-radius: 8px;
43.      background-image: -webkit-gradient(linear, left top, right bottom,from(#999),to(#ccc));
44.  }
```

```css
 1.  /*
 2.   * mobile3.css
 3.   *
 4.   * Dan Armendariz
 5.   * Computer Science S-76
 6.   * Harvard Summer School 2011
 7.   *
 8.   * a simple (but better) CSS layout targeted for mobile platforms.
 9.   *
10.   */
11.
12.  body, html {
13.      margin: 0;
14.      padding: 0;
15.      background-color: #9999cc;
16.  }
17.
18.  #page {
19.      margin: 0 auto;
20.  }
21.
22.  #col1 {
23.      margin: 10px;
24.      padding: 10px;
25.      border: 1px solid black;
26.
27.      -webkit-border-top-left-radius: 8px;
28.      -webkit-border-top-right-radius: 8px;
29.      -webkit-border-bottom-left-radius: 8px;
30.      -webkit-border-bottom-right-radius: 8px;
31.      background-image: -webkit-gradient(linear, left top, right bottom,from(#ccc),to(#999));
32.  }
33.
34.  #col2 {
35.      margin: 10px;
36.      padding: 10px;
37.      border: 1px solid black;
38.
39.      -webkit-border-top-left-radius: 8px;
40.      -webkit-border-top-right-radius: 8px;
41.      -webkit-border-bottom-left-radius: 8px;
42.      -webkit-border-bottom-right-radius: 8px;
43.      background-image: -webkit-gradient(linear, left top, right bottom,from(#999),to(#ccc));
44.  }
45.
46.  #transform {
47.      width: 100px;
48.      height: 100px;
```

```
49.        margin: 50px;
50.        float: clear;
51.        border: 1px solid black;
52.        background-image: -webkit-gradient(linear, left top, right bottom,from(#999),to(#ccc));
53.        -webkit-transform: skew(45deg);
54. }
55.
56. #rotate {
57.        width: 100px;
58.        height: 100px;
59.        margin: 50px;
60.        float: clear;
61.        border: 1px solid black;
62.        background-image: -webkit-gradient(linear, left top, right bottom,from(#999),to(#ccc));
63.        -webkit-transform: rotate(180deg);
64. }
65.
66. #multiple {
67.        width: 100px;
68.        height: 100px;
69.        margin: 50px;
70.        -webkit-transform: skew(30deg) rotate(45deg) scale(1.5,1.5);
71.        background-image: -webkit-gradient(linear, left top, right bottom,from(#999),to(#ccc));
72.        border: 1px solid black;
73. }
74.
75.
76.
77. @-webkit-keyframes changeme {
78.        0% {
79.            background-color: #999;
80.            padding: 0;
81.        }
82.        100% {
83.            background-color: #ccc;
84.            padding: 0 200px;
85.        }
86. }
87.
88. #change {
89.        width: 100px;
90.        height: 100px;
91.        margin: 50px;
92.        background-color: #999;
93.        border: 1px solid black;
94.
95. }
96.
```

```
 97.  #change:hover {
 98.      -webkit-animation-name: changeme;
 99.      -webkit-animation-duration: 2s;
100.      -webkit-animation-iteration-count: 2;
101.      -webkit-animation-direction: alternate;
102.      -webkit-animation-timing-function: ease-in-out;
103.  }
```

```
 1.  <!--
 2.
 3.  Dan Armendariz
 4.  Computer Science S-76
 5.  Harvard Summer School 2011
 6.
 7.  An HTML5 version of the xhtml page.
 8.
 9.  -->
10.  <!DOCTYPE html>
11.  <html>
12.      <head>
13.          <title>HTML5 Example</title>
14.          <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
15.
16.          <!--
17.              IE versions older than 9 don't recognize the new HTML5 elements.
18.              See: http://remysharp.com/2009/01/07/html5-enabling-script/
19.          -->
20.          <!--[if lt IE 9]> <script>
21.          var e = ("article,footer,header,hgroup,nav,section,time").split(',');
22.          for (var i = 0; i < e.length; i++) {
23.              document.createElement(e[i]);
24.          }
25.          </script> <![endif]-->
26.
27.          <style type="text/css"><!--
28.
29.          /*
30.              html5 fix for old browsers to display those items as blocks.
31.              see: http://html5doctor.com/html-5-reset-stylesheet/
32.          */
33.          article,aside,details,figcaption,figure, footer,header,hgroup,menu,nav,section {  display:block; }
34.
35.          html, body {
36.              margin: 0;
37.              padding: 0;
38.              background-color: #c99;
39.              font: 12px sans-serif;
40.          }
41.
42.          header {
43.              margin: 0;
44.              padding: 0;
45.              text-align: center;
46.              border-bottom: 1px solid black;
47.          }
48.
```

```
49.        h2 {
50.            font: 13px sans-serif;
51.        }
52.
53.
54.        nav ul {
55.            margin: 1em;
56.            padding: 0;
57.        }
58.
59.        nav li {
60.            display: inline;
61.            margin: 0;
62.            padding: 1em;
63.        }
64.
65.        article {
66.            border: 1px solid black;
67.            width: 75%;
68.            padding: 1em;
69.            margin: 10px auto;
70.            background-color: white;
71.        }
72.
73.        article header {
74.            text-align: left;
75.            border-bottom: none;
76.        }
77.
78.        article h1 {
79.            margin: 0;
80.            padding: 0;
81.            font-size: 20px;
82.            font-weight: bold;
83.        }
84.
85.        footer {
86.            margin: 0;
87.            padding: 0;
88.            text-align: center;
89.            border-top: 1px solid black;
90.        }
91.
92.        --></style>
93.    </head>
94.
95.    <body>
96.
```

```
 97.        <header>
 98.            <hgroup>
 99.                <h1>HTML5 Example</h1>
100.                <h2>Sample page in HTML5</h2>
101.            </hgroup>
102.
103.            <nav>
104.                <ul>
105.                    <li><a href="html5.html">home</a></li>
106.                    <li><a href="html5.html">cs76.net</a></li>
107.                    <li><a href="html5.html">about</a></li>
108.                </ul>
109.            </nav>
110.        </header>
111.
112.        <article>
113.            <header>
114.                <h1><a href="html5.html">Description</a></h1>
115.                <time datetime="2011-01-25" pubdate>January 25, 2011</time>
116.            </header>
117.
118.            <p>Today's applications are increasingly mobile. Computers are no longer confined to desks and laps but instead live in our pockets
            and hands. This course teaches students how to build mobile apps for Android and iOS, two of today's most popular platforms, and how to
            deploy them in Android Market and the App Store. Students learn to write native apps for Android using Eclipse and the Android SDK, to write
            native apps for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and to write web apps for both platforms. Prerequisites: prior
            programming experience in any object-oriented language and familiarity with HTML is assumed. Distance students must have access to an
            Intel-based Mac running Mac OS X Snow Leopard version 10.6.4 or later. Local students will have access to Macs on campus as needed.</p>
119.        </article>
120.
121.        <article>
122.            <header>
123.                <h1><a href="html5.html">Lorem</a></h1>
124.                <time datetime="2011-01-23" pubdate>January 23, 2011</time>
125.            </header>
126.
127.            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec quam urna. Nunc egestas sodales rutrum. Nunc non magna nec
            nulla mattis scelerisque a et ante. Aenean eu nibh vel quam bibendum vulputate vitae in ligula. Mauris varius est non ante faucibus a luctus
            tellus pulvinar. Aliquam libero leo, semper et tincidunt eget, pellentesque ac odio. Vestibulum risus magna, condimentum ac iaculis eget,
            laoreet eu sapien. Donec ultricies augue et felis tristique non tincidunt dui commodo. Ut sapien nunc, fermentum id malesuada non,
            ullamcorper in risus. Nullam risus magna, ultricies vitae ullamcorper non, volutpat vel felis. Quisque ac mauris felis.</p>
128.        </article>
129.
130.        <footer>
131.            <p>Brought to you by <a href="http://www.cs76.net">cs76.net</a>.</p>
132.        </footer>
133.
134.    </body>
135. </html>
```

```
1.   <!--
2.
3.   Dan Armendariz
4.   Computer Science S-76
5.   Harvard Summer School 2011
6.
7.   An XHTML page loosely modelled to resemble a blog with embedded CSS.
8.
9.   -->
10.  <!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Strict//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">
11.  <html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
12.      <head>
13.          <title>XHTML Example</title>
14.          <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
15.
16.          <style type="text/css"><!--
17.
18.          html, body {
19.              margin: 0;
20.              padding: 0;
21.              background-color: #c99;
22.              font: 12px sans-serif;
23.          }
24.
25.          #header {
26.              margin: 0;
27.              padding: 0;
28.              text-align: center;
29.              border-bottom: 1px solid black;
30.          }
31.
32.          .tag {
33.              font: 13px sans-serif;
34.          }
35.
36.          #nav ul {
37.              margin: 1em;
38.              padding: 0;
39.          }
40.
41.          #nav li {
42.              display: inline;
43.              margin: 0;
44.              padding: 1em;
45.          }
46.
47.          .post {
48.              border: 1px solid black;
```

```
49.          width: 75%;
50.          padding: 1em;
51.          margin: 10px auto;
52.          background-color: white;
53.      }
54.
55.      .post h2 {
56.          margin: 0;
57.          padding: 0;
58.          font-size: 20px;
59.          font-weight: bold;
60.      }
61.
62.      .time {
63.          margin: 0;
64.          padding: 0;
65.          font: 13px sans-serif;
66.      }
67.
68.      #footer {
69.          margin: 0;
70.          padding: 0;
71.          text-align: center;
72.          border-top: 1px solid black;
73.      }
74.
75.      --></style>
76.    </head>
77.
78.    <body>
79.    <div id="header">
80.        <h1>XHTML Example</h1>
81.        <p class="tag">Sample page in XHTML</p>
82.
83.        <div id="nav">
84.            <ul>
85.                <li><a href="xhtml.html">home</a></li>
86.                <li><a href="xhtml.html">cs76.net</a></li>
87.                <li><a href="xhtml.html">about</a></li>
88.            </ul>
89.        </div>
90.    </div>
91.
92.    <div class="post">
93.        <h2><a href="xhtml.html">Description</a></h2>
94.        <p class="time">January 25, 2011</p>
95.
96.        <p>Today's applications are increasingly mobile. Computers are no longer confined to desks and laps but instead live in our pockets
```

and hands. This course teaches students how to build mobile apps for Android and iOS, two of today's most popular platforms, and how to deploy them in Android Market and the App Store. Students learn to write native apps for Android using Eclipse and the Android SDK, to write native apps for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and to write web apps for both platforms. Prerequisites: prior programming experience in any object-oriented language and familiarity with HTML is assumed. Distance students must have access to an Intel-based Mac running Mac OS X Snow Leopard version 10.6.4 or later. Local students will have access to Macs on campus as needed.**</p>**

```
 97.        </div>
 98.
 99.        <div class="post">
100.            <h2><a href="xhtml.html">Lorem</a></h2>
101.            <p class="time">January 23, 2011</p>
102.
103.            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Integer nec quam urna. Nunc egestas sodales rutrum. Nunc non magna nec
     nulla mattis scelerisque a et ante. Aenean eu nibh vel quam bibendum vulputate vitae in ligula. Mauris varius est non ante faucibus a luctus
     tellus pulvinar. Aliquam libero leo, semper et tincidunt eget, pellentesque ac odio. Vestibulum risus magna, condimentum ac iaculis eget,
     laoreet eu sapien. Donec ultricies augue et felis tristique non tincidunt dui commodo. Ut sapien nunc, fermentum id malesuada non,
     ullamcorper in risus. Nullam risus magna, ultricies vitae ullamcorper non, volutpat vel felis. Quisque ac mauris felis.</p>
104.        </div>
105.
106.        <div id="footer">
107.            <p>Brought to you by <a href="http://www.cs76.net">cs76.net</a>.</p>
108.        </div>
109.
110.        </body>
111.    </html>
```