

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

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

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

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

```
1. /*
2.  * desktop.css
3.  *
4.  * Dan Armendariz
5.  * Computer Science 76
6.  * Building Mobile Applications
7.  * Harvard Extension School
8.  *
9.  * a simple CSS layout targeted for desktop browsers.
10. *
11. */
12.
13. body, html {
14.     margin: 0;
15.     padding: 0;
16.     background-color: #cc9999;
17. }
18.
19. #page {
20.     width: 800px;
21.     margin: 0 auto;
22. }
23.
24. #col1 {
25.     float: left;
26.     width: 358px;
27.     margin: 10px;
28.     padding: 10px;
29.     border: 1px solid black;
30. }
31.
32. #col2 {
33.     float: right;
34.     width: 358px;
35.     margin: 10px;
36.     padding: 10px;
37.     border: 1px solid black;
38. }
```

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

---

```
49.     pellentesque quis facilisis metus vestibulum.  
50.     </p>  
51.  
52. </body>  
53. </html>
```

```
1. <!--
2.
3. Dan Armendariz
4. Computer Science 76
5. Building Mobile Applications
6. Harvard Extension School
7.
8. Demo a simple XHTML and CSS page designed for desktop viewing.
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 E-76: Lecture 0 demo 1</title>
18.     <link href="desktop.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>
63.
64. </body>
65. </html>
```

```
1. <!--
2.
3. Dan Armendariz
4. Computer Science 76
5. Building Mobile Applications
6. Harvard Extension School
7.
8. Demo a simple XHTML and CSS page designed for mobile viewing.
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 E-76: Lecture 0 demo 2</title>
18.     <link href="mobile.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>
63.
64. </body>
65. </html>
```

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

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

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

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

```
1. <!--
2.
3. Dan Armendariz
4. Computer Science 76
5. Building Mobile Applications
6. Harvard Extension School
7.
8. Even MORE flourish in the 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 E-76: Lecture 0 demo 4a</title>
18.     <meta name="viewport" content="width=device-width" />
19.     <link href="mobile3.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 id="fancy">
64.         <div id="transform">
65.             This text should be transformed.
66.         </div>
67.
68.         <div id="rotate">
69.             This text should be rotated.
70.         </div>
71.
72.         <div id="multiple">
73.             Multiple transforms have been applied to this text.
74.         </div>
75.
76.         <div id="change">
77.             This box should change when you hover your mouse over it!
78.         </div>
79.     </div>
80. </div>
81.
82. </body>
83. </html>
```

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

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

```
1. <!--
2.
3. Dan Armendariz
4. Computer Science 76
5. Building Mobile Applications
6. Harvard Extension School
7.
8. Demo a simple XHTML and CSS page, and we'll automatically detect and provide
9. the correct CSS for the platform with 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 E-76: Lecture 0 demo 6</title>
20.     <meta name="viewport" content="width=device-width" />
21.
22.     <script language='JavaScript' type='text/javascript'>
23.         // 
24.
25.             if (navigator.userAgent.indexOf('iPhone') != -1 || navigator.userAgent.indexOf('Android') != -1) {
26.                 document.write('&lt;link href="mobile2.css" rel="stylesheet" type="text/css" /&gt;');
27.             } else {
28.                 document.write('&lt;link href="desktop.css" rel="stylesheet" type="text/css" /&gt;');
29.             }
30.
31.         // ]&gt;
32.     &lt;/script&gt;
33.
34. &lt;/head&gt;
35.
36. &lt;body&gt;
37.
38.     &lt;div id="page"&gt;
39.
40.         &lt;div id="coll"&gt;
41.             Today's applications are increasingly mobile. Computers are no longer
42.             confined to desks and laps but instead live in our pockets and hands.
43.             This course teaches students how to build mobile apps for Android and
44.             iOS, two of today's most popular platforms, and how to deploy them in
45.             Android Market and the App Store. Students learn to write native apps
46.             for Android using Eclipse and the Android SDK, to write native apps
47.             for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and
48.             to write web apps for both platforms. Prerequisites: prior programming</pre></div>
```

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

```
1. <!--
2.
3. Dan Armendariz
4. Computer Science 76
5. Building Mobile Applications
6. Harvard Extension School
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 E-76: Lecture 0 demo 7</title>
20.     <meta name="viewport" content="width=device-width" />
21.
22.     <script language='JavaScript' type='text/javascript'>
23.         // 
24.
25.             if (navigator.userAgent.match(/iPhone/i) || navigator.userAgent.match(/Android/i)) {
26.                 document.write('&lt;link href="mobile2.css" rel="stylesheet" type="text/css" /&gt;');
27.             } else {
28.                 document.write('&lt;link href="desktop.css" rel="stylesheet" type="text/css" /&gt;');
29.             }
30.
31.         // ]&gt;
32.     &lt;/script&gt;
33.
34. &lt;/head&gt;
35.
36. &lt;body&gt;
37.
38.     &lt;div id="page"&gt;
39.
40.         &lt;div id="coll"&gt;
41.             Today's applications are increasingly mobile. Computers are no longer
42.             confined to desks and laps but instead live in our pockets and hands.
43.             This course teaches students how to build mobile apps for Android and
44.             iOS, two of today's most popular platforms, and how to deploy them in
45.             Android Market and the App Store. Students learn to write native apps
46.             for Android using Eclipse and the Android SDK, to write native apps
47.             for iPhones, iPod touches, and iPads using Xcode and the iOS SDK, and
48.             to write web apps for both platforms. Prerequisites: prior programming</pre></div>
```

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

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



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

```
1. /*
2.  * mobile.css
3.  *
4.  * Dan Armendariz
5.  * Computer Science 76
6.  * Building Mobile Applications
7.  * Harvard Extension School
8.  *
9.  * a simple CSS layout targeted for mobile platforms.
10. *
11. */
12.
13. body, html {
14.     margin: 0;
15.     padding: 0;
16.     background-color: #9999cc;
17. }
18.
19. #page {
20.     margin: 0 auto;
21. }
22.
23. #col1 {
24.     margin: 10px;
25.     padding: 10px;
26.     border: 1px solid black;
27. }
28.
29. #col2 {
30.     margin: 10px;
31.     padding: 10px;
32.     border: 1px solid black;
33. }
```

```
1. /*
2.  * mobile2.css
3.  *
4.  * Dan Armendariz
5.  * Computer Science 76
6.  * Building Mobile Applications
7.  * Harvard Extension School
8.  *
9.  * a simple (but better) CSS layout targeted for mobile platforms.
10. *
11. */
12.
13. body, html {
14.     margin: 0;
15.     padding: 0;
16.     background-color: #9999cc;
17. }
18.
19. #page {
20.     margin: 0 auto;
21. }
22.
23. #col1 {
24.     margin: 10px;
25.     padding: 10px;
26.     border: 1px solid black;
27.
28.     -webkit-border-top-left-radius: 8px;
29.     -webkit-border-top-right-radius: 8px;
30.     -webkit-border-bottom-left-radius: 8px;
31.     -webkit-border-bottom-right-radius: 8px;
32.     background-image: -webkit-gradient(linear, left top, right bottom, from(#ccc),to(#999));
33. }
34.
35. #col2 {
36.     margin: 10px;
37.     padding: 10px;
38.     border: 1px solid black;
39.
40.     -webkit-border-top-left-radius: 8px;
41.     -webkit-border-top-right-radius: 8px;
42.     -webkit-border-bottom-left-radius: 8px;
43.     -webkit-border-bottom-right-radius: 8px;
44.     background-image: -webkit-gradient(linear, left top, right bottom, from(#999),to(#ccc));
45. }
```

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

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

```
97.  
98. #change:hover {  
99.     -webkit-animation-name: changeme;  
100.    -webkit-animation-duration: 2s;  
101.    -webkit-animation-iteration-count: 2;  
102.    -webkit-animation-direction: alternate;  
103.    -webkit-animation-timing-function: ease-in-out;  
104. }
```

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

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



```
97.
98.     <header>
99.         <hgroup>
100.             <h1>HTML5 Example</h1>
101.             <h2>Sample page in HTML5</h2>
102.         </hgroup>
103.
104.         <nav>
105.             <ul>
106.                 <li><a href="html5.html">home</a></li>
107.                 <li><a href="html5.html">cs76.net</a></li>
108.                 <li><a href="html5.html">about</a></li>
109.             </ul>
110.         </nav>
111.     </header>
112.
113.     <article>
114.         <header>
115.             <h1><a href="html5.html">Description</a></h1>
116.             <time datetime="2011-01-25" pubdate>January 25, 2011</time>
117.         </header>
118.
119.         <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>
120.     </article>
121.
122.     <article>
123.         <header>
124.             <h1><a href="html5.html">Lorem</a></h1>
125.             <time datetime="2011-01-23" pubdate>January 23, 2011</time>
126.         </header>
127.
128.         <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>
129.     </article>
130.
131.     <footer>
132.         <p>Brought to you by <a href="http://www.cs76.net">cs76.net</a>.</p>
133.     </footer>
134.
135. </body>
```

136. `</html>`

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

```
49.         border: 1px solid black;
50.         width: 75%;
51.         padding: 1em;
52.         margin: 10px auto;
53.         background-color: white;
54.     }
55.
56.     .post h2 {
57.         margin: 0;
58.         padding: 0;
59.         font-size: 20px;
60.         font-weight: bold;
61.     }
62.
63.     .time {
64.         margin: 0;
65.         padding: 0;
66.         font: 13px sans-serif;
67.     }
68.
69.     #footer {
70.         margin: 0;
71.         padding: 0;
72.         text-align: center;
73.         border-top: 1px solid black;
74.     }
75.
76.     --></style>
77. </head>
78.
79. <body>
80. <div id="header">
81.     <h1>XHTML Example</h1>
82.     <p class="tag">Sample page in XHTML</p>
83.
84.     <div id="nav">
85.         <ul>
86.             <li><a href="xhtml.html">home</a></li>
87.             <li><a href="xhtml.html">cs76.net</a></li>
88.             <li><a href="xhtml.html">about</a></li>
89.         </ul>
90.     </div>
91. </div>
92.
93. <div class="post">
94.     <h2><a href="xhtml.html">Description</a></h2>
95.     <p class="time">January 25, 2011</p>
96.
```

```
97.     <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
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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>
98.     </div>
99.
100.    <div class="post">
101.        <h2><a href="xhtml.html">Lorem</a></h2>
102.        <p class="time">January 23, 2011</p>
103.
104.        <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>
105.    </div>
106.
107.    <div id="footer">
108.        <p>Brought to you by <a href="http://www.cs76.net">cs76.net</a>.</p>
109.    </div>
110.
111.    </body>
112. </html>
```