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1. <!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN" "http://www.w3.org/TR/html4/strict.dtd">
2. <html>
3.   <head>
4.     <!-- Change this if you want to allow scaling -->
5.     <meta name="viewport" content="width=default-width; user-scalable=no" />
6.
7.     <meta http-equiv="Content-type" content="text/html; charset=utf-8">
8.
9.     <title>PhoneGap</title>
10.
11.     <!-- iPad/iPhone specific css below, add after your main css >
12.     <link rel="stylesheet" media="only screen and (max-device-width: 1024px)" href="ipad.css" type="text/css" />
13.     <link rel="stylesheet" media="only screen and (max-device-width: 480px)" href="iphone.css" type="text/css" />
14.     -->
15.     <!-- If you application is targeting iOS BEFORE 4.0 you MUST put json2.js from http://www.JSON.org/json2.js into your www directory and
include it here -->
16.     <script type="text/javascript" charset="utf-8" src="phonegap.0.9.4.min.js"></script>
17.     <script type="text/javascript" charset="utf-8">
18.
19.       // If you want to prevent dragging, uncomment this section
20.       /*
21.       function preventBehavior(e)
22.       {
23.         e.preventDefault();
24.       };
25.       document.addEventListener("touchmove", preventBehavior, false);
26.       */
27.
28.       function onBodyLoad()
29.       {
30.         document.addEventListener("deviceready",onDeviceReady,false);
31.       }
32.
33.       /* When this function is called, PhoneGap has been initialized and is ready to roll */
34.       // PhoneGap is ready
35.       //
36.       function onDeviceReady() {
37.         startWatch();
38.       }
39.
40.       // Start watching the compass
41.       //
42.       function startWatch() {
43.
44.         // Update compass every 3 seconds
45.         var options = { frequency: 500 };
46.
47.         watchID = navigator.compass.watchHeading(onSuccess, onError, options);
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48.     }
49.
50.     // Stop watching the compass
51.     //
52.     function stopWatch() {
53.         if (watchID) {
54.             navigator.compass.clearWatch(watchID);
55.             watchID = null;
56.         }
57.     }
58.
59.     // onSuccess: Get the current heading
60.     //
61.     function onSuccess(heading) {
62.         var element = document.getElementById('heading');
63.         element.innerHTML = 'Heading: ' + heading.magneticHeading;
64.     }
65.
66.     // onError: Failed to get the heading
67.     //
68.     function onError() {
69.         alert('onError!');
70.     }
71.
72.     </script>
73. </head>
74. <body onload="onLoad()" style="font-size: larger">
75.     <div id="heading">Waiting for heading...</div>
76.     <button onclick="startWatch();">Start Watching</button>
77.     <button onclick="stopWatch();">Stop Watching</button>
78. </body>
79. </html>
```