

Lab 7 –Making jQuery Slider Animation

First, create a new HTML document in Notepad++

1. In the blank document, write the HTML code for the following page:

```
1  <!doctype html>
2  <html>
3  <head>
4      <meta charset="utf-8">
5
6      <title>jQuery Slider</title>
7
8      <link rel="stylesheet" href="demo.css">
9      <script src="http://code.jquery.com/jquery-1.7.1.min.js"></script>
10     <script src="animation.js"></script>
11
12 </head>
13
14 <body>
15 </body>
16 <div class="container">
17     <div class="header">
18         <h1 class="text-muted">jQuery Slider</h1>
19     </div>
20
21     <div id="slider">
22         <ul class="slides">
23             <li class="slide slide1">slide1</li>
24             <li class="slide slide2">slide2</li>
25             <li class="slide slide3">slide3</li>
26             <li class="slide slide4">slide4</li>
27             <li class="slide slide5">slide5</li>
28             <li class="slide slide1">slide1</li>
29         </ul>
30     </div>
31 </div>
32 </body>
33 </html>
```

2. Make a new file that will save the CSS – name it **demo.css**

```
1  #slider {
2      width: 720px;
3      height: 400px;
4      overflow: hidden;
5  }
```

```

7  #slider .slides {
8      display: block;
9      width: 6000px;
10     height: 400px;
11     margin: 0;
12     padding: 0;
13 }
14
15 #slider .slide {
16     float: left;
17     list-style-type: none;
18     width: 720px;
19     height: 400px;
20 }
21
22 /* helper css, since we don't have images */
23 .slide1 {background: red;}
24 .slide2 {background: blue;}
25 .slide3 {background: green;}
26 .slide4 {background: purple;}
27 .slide5 {background: pink;}
28
29

```

3. Make a new file that will save the jQuery code – name it **animation.js**

```

1  'use strict';
2  $(function() {
3
4      //settings for slider
5      var width = 720;
6      var animationSpeed = 1000;
7      var pause = 3000;
8      var currentSlide = 1;
9
10     //cache DOM elements
11     var $slider = $('#slider');
12     var $slideContainer = $('.slides', $slider);
13     var $slides = $('.slide', $slider);
14
15     var interval;
16

```

```

17 function startSlider() {
18     interval = setInterval(function() {
19         $slideContainer.animate({'margin-left': '-=' + width},
20                                 animationSpeed, function() {
21                 if (++currentSlide === $slides.length) {
22                     currentSlide = 1;
23                     $slideContainer.css('margin-left', 0);
24                 }
25             });
26     }, pause);
27 }
28 function pauseSlider() {
29     clearInterval(interval);
30 }
31
32 $slideContainer
33     .on('mouseenter', pauseSlider)
34     .on('mouseleave', startSlider);
35
36 startSlider();
37
38
39 });
40

```

4. Save all of the files, start and test the page. Try changing the animationSpeed and pause values.

5. Make a folder called “images” and put 5 images there. All the images should have size 720x400 px.

6. In the HTML change the text in the “LI” elements with tags linking each of the images you saved in step 5.

Example:

```

<div id="slider">
    <ul class="slides">
        <li class="slide slide1"></li>

```

.