# Department of Computing

**CS-213: Advanced Programming**

**Class: BSCS 7AB**

# Lab 3: jQuery

**Date: 19 September, 2019**

**Time: 10:00-01:00pm & 02:00-05:00pm**

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# Lab 3: jQuery

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| Solution |
| Task 1 Code:  <!DOCTYPE html>  <html>  <head>  <title>JavaScript &amp; jQuery - Chapter 7: Introducing jQuery - Event Object</title>  <link rel="stylesheet" href="css/c07.css" />  </head>  <body>  <div id="page">  <h1 id="header">List</h1>  <h2>Buy groceries</h2>  <ul>  <li id="one" class="hot"><em>fresh</em> figs  <span class = "date"></span>  </li>  <li id="two" class="hot">pine nuts  <span class = "date"></span>  </li>  <li id="three" class="hot">honey  <span class = "date"></span>  </li>  <li id="four">balsamic vinegar  <span class = "date"></span>  </li>  </ul>  </div>  <script src="js/jquery-1.11.0.js"></script>  <script>  $(document).ready(function(){  $("li").click(function(){  var date = new Date();  if($(this).find("span").text() == ""){  $("li").find("span").text("");  $(this).find("span").append("Clicked On:" + date.toDateString() + " at " + (date.getHours()+1) + ":" + (date.getMinutes()+1) + ":" + (date.getSeconds()+1));  }  else{  $(this).find("span").text("");  }  });  });  </script>  </body>  </html>  Task 1 Output Screenshot:    Task 2 Code:  <!DOCTYPE html>  <html>  <head>  <title>JavaScript &amp; jQuery - Chapter 7: Introducing jQuery - Event Object</title>  <link rel="stylesheet" href="css/c07.css" />  </head>  <body>  <div id="page">  <h1 id="header">List</h1>  <h2>Buy groceries</h2>  <ul>  <li id="one" class="hot" status = "Available"><em>fresh</em> figs</li>  <li id="two" class="hot" status = "Important">pine nuts</li>  <li id="three" class="hot" status = "Important">honey</li>  <li id="four" status = "Available">balsamic vinegar</li>  </ul>  <p>Click or Mouseover a hot item</p>  </div>  <script src="js/jquery-1.11.0.js"></script>  <script>  $(document).ready(function(){  $("li").click(function(){  name = $(this).text();  status = $(this).attr('status');  e = "click";  $("p").html("Item: " + name + '<br/>' + "status: " + status + '<br/>Event: ' + e);  });  $("li").mouseover(function(){  name = $(this).text();  status = $(this).attr('status');  e = "MouseOver";  $("p").html("Item: " + name + '<br/>' + "status: " + status + '<br/>Event: ' + e);  });  $("li").mouseleave(function(){  $("p").html("Click or Mouseover a hot item");  });  });  </script>  </body>  </html>  Task 2 Output Screenshot:    Task 3 Code:  <!DOCTYPE html>  <html>  <head>  <title>JavaScript &amp; jQuery - Chapter 7: Introducing jQuery - Event Object</title>  <link rel="stylesheet" href="css/c07.css" />  </head>  <body>  <div id="page">  <h1 id="header">List</h1>  <h2>Buy groceries</h2>  <ul>  <li id="one" class="hot"><em>fresh</em> figs</li>  <li id="two" class="hot">pine nuts</li>  <li id="three" class="hot">honey</li>  <li id="four">balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li>balsamic vinegar</li>  <li id = "footer" align = 'center'>&copyListKing</li>  </ul>  <div id = "slideAd">Buy Liskt King pro <br /> for only $1.99</div>  <script src="js/jquery-1.11.0.js"></script>  <script>  $(document).ready(function() {        $("#slideAd").hide();  $(window).on("scroll", function() {  var scrollHeight = $(document).height();  var scrollPosition = $(window).height() + $(window).scrollTop();    if ((scrollHeight - scrollPosition) / scrollHeight === 0) {  $('#slideAd').show("slow");  }  else if((scrollHeight - scrollPosition) > 500) {  $("#slideAd").hide("slow");  }  });  });  </script>  </body>  </html>  Task 3 Output Screenshot: |