# 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 Engineer: Ms. Ayesha Asif**

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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(){  $("li").click(function(){  if($(this).find('span').text()==""){  $("li").find('span').text("");  var d= new Date();  $(this).find('span').append('Clicked on ' + d.toDateString() + ' at ' + (d.getHours()+1) + ':' + (d.getMinutes()+1) + ':' + (d.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" status ="available" class="hot"><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(){  $("li").click(function(){  status=$(this).attr("status");  item=$(this).text();  e='click';    $('p').html('Item: ' + item + '<br/>'+ 'Status: '+status+'<br/>Event: '+e);  });  $("li").mouseover(function(){  status=$(this).attr("status");  item=$(this).text();  e='mouseover';    $('p').html('Item: ' + item + '<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" >linguine</li>  <li id="four" >cream</li>  <li id="four" >coconut milk</li>  <li id="four" >mushrooms</li>  <li id="four" >apples</li>  <li id="four" >strawberries</li>  <li id="four" >rice crackers</li>  <li id="four" >brie</li>  <li id="four" >rice</li>  <li id="four" >green tea</li>  <li id="four" >vine-ripened tomatoes</li>  <li id="four" >bananas</li>  <li id="four" >red kidney beans</li>  <li id="four" >haricot beans</li>  <li id="four" >lettuce</li>  <li id="four" >organic brown rice vinegar</li>  <li id="four" >sushi nori</li>  <li id="four" >garlic</li>  <li id="four" >ginger</li>  <li id="four" >red onions</li>  <li id="four" >goat's cheese</li>  <li id="four" >baby leaf spinach</li>  <li id="four" >coconut</li>  <li id="four" >avocado</li>  <li id="four" >leaks</li>  <li id="four" >carrot</li>  <li id="four" >pears</li>  <li id="four" >apples</li>  <li id="four" >leaks</li>  <li id="four" >coconut</li>  <li id="four" >gluten-free soy sauce</li>  <li id="four" >quinoa</li>  <li id="footer" style="text-align:center">&copyListKing</li>  </ul>  <div id ="slideAd">Buy Liskt King pro <br /> for only $1.99</div>  </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("fast");  }  else if((scrollHeight - scrollPosition) > 500) {  $("#slideAd").hide("fast");  }      });  });    </script>  </body>  </html>  Task 3 Output Screenshot: |