# 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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| Solution |
| Task 1 Code:  <!DOCTYPE html>  <html>  <!-- src="js/jquery-1.11.0.js" -->  <head>  <title>JavaScript &amp; jQuery - Chapter 7: Introducing jQuery - Event Object</title>  <link rel="stylesheet" href="css/c07.css" />  <script src="https://ajax.aspnetcdn.com/ajax/jQuery/jquery-3.4.1.min.js"></script>  </head>  <body>  <div id="page">  <h1 id="header">List</h1>  <h2>Buy groceries</h2>  <ul id= "list">  <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>  </ul>  </div>  <script>  $(document).ready(function(){  var d = new Date();  const datestring = d.toDateString();  $("#list li").on("click", function(){  if($(this).find("span").length){  $(this).find("span").remove();  }  else{  $(this).append(`<span class = "date">Clicked on ${datestring}</span>`);  }  });  });  </script>  </body>  </html>  Task 1 Output Screenshot:    Task 2 Code:  <!DOCTYPE html>  <html>  <!-- src="js/jquery-1.11.0.js" -->  <head>  <title>JavaScript &amp; jQuery - Chapter 7: Introducing jQuery - Event Object</title>  <link rel="stylesheet" href="css/c07.css" />  <script src="https://ajax.aspnetcdn.com/ajax/jQuery/jquery-3.4.1.min.js"></script>  </head>  <body>  <div id="page">  <h1 id="header">List</h1>  <h2>Buy groceries</h2>  <ul id= "list">  <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>  <p id = "para">Click or Mouseover a hot item.....</p>  </ul>  </div>  <script>  $(document).ready(function(){  $("#list li").on("click", function(){  let itemName = $(this).text();  if(itemName == "honey" || itemName == "pine nuts"){  $("#para").html(`Item: ${itemName}<br />Status: Important<br />Event:click`);  }  else{  $("#para").html(`Item: ${itemName}<br />Status: Available<br />Event:click`);  }  });  $("#list li").on("mouseover", function(){  let itemName = $(this).text();  let eventName = $(this);  if(itemName == "honey" || itemName == "pine nuts"){  $("#para").html(`Item: ${itemName}<br />Status: Important<br />Event:mouseover`);  }  else{  $("#para").html(`Item: ${itemName}<br />Status: Available<br />Event:mouseover`);  }  });  $("#list li").on("mouseleave", function(){  $("#para").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" />  <style>  span{font-size:12px;}  </style>  </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 id="five">balsamic vinegar</li>  <li id="six">balsamic vinegar</li>  <li id="seven">balsamic vinegar</li>  <li id="eight">balsamic vinegar</li>  <li id="nine">balsamic vinegar</li>  <li id="ten">balsamic vinegar</li>  <li id="eleven">balsamic vinegar</li>  <li id="twelve">balsamic vinegar</li>  <li id="thirteen">balsamic vinegar</li>  <li id="fourteen">balsamic vinegar</li>  <li id="fifteen">balsamic vinegar</li>  <li id="sixteen" class="hot">honey</li>  <li id="seventeen" class="hot">honey</li>  <li id="eighteen" class="hot">honey</li>  <li id="nineteen" class="hot">honey</li>  <li id="twenty" class="hot">honey</li>  <li id="twentyone" class="hot">honey</li>  <li id="twentyone" class="hot">honey</li>  <li id="twentythree" class="hot">honey</li>  <li id="twentyfour" class="hot">honey</li>  <li id="twentfive" class="hot">honey</li>  <li id="twentysix" class="hot">honey</li>  <li id="twentysev" class="hot">honey</li>  <li id="twentyeight" class="hot">honey</li>    </ul>  <div id = "footer"> List King </div>  </div>  <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: |