# 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"></li>  <li id="two" class="hot">pine nuts <span class="date"></li>  <li id="three" class="hot">honey <span class="date"></li>  <li id="four">balsamic vinegar <span class="date"></li>  </ul>  </div>  <script src="js/jquery-1.11.0.js"></script>  <script>  $(document).ready(function(){  var flag=0;  $("li").click(function(event){  $("li").find("span").hide();  if(flag==0){  let time=new Date();  $(this).find("span").text("clicked on "+time.toDateString()+" at "+time.getHours()+":"+time.getMinutes()+":"+time.getSeconds()).show();  flag=1;  }  else{  $(this).find("span").text("");  flag=0;  }  })  })  </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 hover over a HOT item </p>  </div>  <script src="js/jquery-1.11.0.js"></script>  <script>  $(document).ready(function(){    $("li").on("click",function(event){  item=$(this).text();  status=$(this).attr("status");  $(this).parent().parent().find("p").html("Item:" +item+"<br/> Status:" +status+"<br/> Event: Click");  })  $("li").on("mouseover",function(event){  item=$(this).text();  status=$(this).attr("status");  $(this).parent().parent().find("p").html("Item:" +item+"<br/> Status:" +status+"<br/> Event: MouseOver");  })      })  </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 id="5" >lingurine</li>  <li id="6" >cream </li>  <li id="7" >coconut milk </li>  <li id="8" >mushroom </li>  <li id="9" >apples </li>  <li id="10" >strawbeeries </li>  <li id="11" >rice crackers </li>  <li id="12" >brie </li>  <li id="13" >rice </li>  <li id="14" > green tea </li>  <li id="15" > bananas </li>  <li id="16" >garlic </li>  <li id="17" >ginger </li>  <li id="18" >red onions </li>  <li id="19" >coconut </li>  <li id="20" >avocado </li>  <li >rice </li>  <li > green tea </li>  <li > bananas </li>  <li >garlic </li>  <li >ginger </li>  <li >red onions </li>  <li >coconut </li>  <li >avocado </li>  <li id="footer">©ListKings </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("slow");  }  else if((scrollHeight - scrollPosition) > 500) {  $("#slideAd").hide("slow");  }  })  })  </script>  </body>  </html>    Task 3 Output Screenshot: |

### Deliverables

Compile a single word document by filling in the solution part and submit this Word file on LMS. This lab grading policy is as follows: The lab is graded between 0 to 10 marks. The submitted solution can get a maximum of 5 marks. At the end of each lab or in the next lab, there will be a viva related to the tasks. The viva has a weightage of 5 marks. Insert the solution/answer in this document. You must show the implementation of the tasks in the designing tool, along with your complete Word document to get your work graded. You must also submit this Word document on the LMS. In case of any problems with submissions on LMS, submit your Lab assignments by emailing it to Ms. Ayesha Asif: [ayesha.asif@seecs.edu.pk](mailto:ayesha.asif@seecs.edu.pk).