# 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**

# Instructor: Dr. Sidra Sultana

**Lab Engineer: Ms. Ayesha Asif**

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| Solution |
| Task 1 Code:  $(document).ready(function(){  $("ul").click(function(e){  var d = new Date();  var month = d.getMonth()+1;  var date = d.getDate();  var day = d.getDay();  var year = d.getYear();  const monthNames = ["Jan", "Feb", "Mar", "Apr", "May", "Jun",  "Jul", "Aug", "Sep", "Oct", "Nov", "Dec"  ];  const days = ['Sun', 'Mon', 'Tue', 'Wed', 'Thu', 'Fri', 'Sat'];  var month\_n = monthNames[month];  var day\_n = days[day];  var time = d.getHours() + ":" + d.getMinutes() + ":" + d.getSeconds();  $(e.target).append(`<span class='date'>Clicked on ${day\_n} ${month\_n} ${date} ${year + 1900} at ${time}</span>`);  });  });  Task 1 Output Screenshot:    Task 2 Code:  $(document).ready(function(){  $("ul").on({click: function(e){printInfo(e);},  mouseover: function(e){printInfo(e);}  });  function printInfo(e){  item = $(e.target).text();  event = e.type;  status = 'Not Important';  if(item == 'honey' || item == 'pine nuts')  status = 'Important';  $("p").html("Item: "+item+ "<br>Status: "+status+"<br>Event: "+event);  }  });  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="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">leeks</li>  <li id="four">carrots</li>  <li id="four">pears</li>  <li id="four">apples</li>  <li id="four">organic free-range eggs</li>  <li id="four">cashew nut butter</li>  <li id="four">lemons</li>  <li id="four">coconut oil</li>  <li id="four">sourdough bread</li>  <li id="four">almond milk</li>  <li id="four">kale</li>  <li id="four"><em>gluten-free</em> soy sauce</li>  <li id="four">quinoa</li>  </ul>  <p id="footer">&#169;List King</p>  </div>  <div id='slideAd'>  <center>BUY LISTKING PRO<br>FOR ONLY $1.99</center>  </div>  <script src="js/jquery-1.11.0.js"></script>  <script>  slided = false;  $(window).on('scroll', function(){  if($(window).scrollTop() + $(window).height() == $(document).height()) {  $("#slideAd").animate({right: '0px'});  slided = true;  }  if($(window).scrollTop() < $('#footer').offset().top - $(window).height() - 500 && slided == true){  $("#slideAd").animate({right: '-230px'});  slided = false  }  });    </script>  </body>  </html>  Task 3 Output Screenshot: |