# 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**

# Name:Tatheer Zahra

# Reg#211972

|  |
| --- |
| 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" />  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">  <script src="js/jquery-1.11.0.js"></script>  </head>  <script>  var d = new Date();  var days = ["Sunday","Monday","Tuesday","Wednesday","Thursday","Friday","Saturday"];  var months = ["January", "February", "March", "April", "May", "June", "July", "August", "September", "October", "November", "December"];  var date= d.getDate();  var day=days[d.getDay()];  var month=months[d.getMonth()];  var hour=d.getHours();  var min=d.getMinutes();  var sec=d.getSeconds();  var txt=" Clicked on "+date+" "+day+" "+month+" at "+hour+":"+min+":"+sec;  $(document).ready(function(){  $('li').on('click',(function(event){  $(this).addClass("date");  $(this).append(txt);      }));  });  </script>  <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>  </ul>  </div>    </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" />  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">  <script src="js/jquery-1.11.0.js"></script>  </head>  <script>  $(document).ready(function(){  $("li").on('click mouseover',function(event) {  var txt= 'Event='+event.type;  if(event.target.id==1){  var txt2='item=fresh figs';    var txt3= txt2+'<br>'+txt+'<br>'+'status=important';    $("#hello").html(txt3);    }else if(event.target.id==2){  var txt2='item=pine nuts';  var txt3= txt2+'<br>'+txt+'<br>'+'status=important';  $("#hello").html(txt3);    }else if(event.target.id==3){  var txt2='item= honey';  var txt3= txt2+'<br>'+txt+'<br>'+'status=important';  $("#hello").html(txt3);  }else if(event.target.id==4){  var txt2='item=balsamic vinegar';  var txt3= txt2+'<br>'+txt+'<br>'+'status=important';  $("#hello").html(txt3);  }    });  });  </script>  <body>  <div id="page">  <h1 id="header">List</h1>  <h2>Buy groceries</h2>  <ul>  <li id="1" class="hot"><em>fresh</em> figs</li>  <li id="2" class="hot">pine nuts</li>  <li id="3" class="hot">honey</li>  <li id="4">balsamic vinegar</li>  </ul>  <p id="hello">Click or hover</p>  </div>    </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" />  <script src="https://ajax.googleapis.com/ajax/libs/jquery/3.4.1/jquery.min.js">  <script src="js/jquery-1.11.0.js"></script>  </head>  <script>  $(document).ready(function(){  $(window).scroll(function() {  var scrollTop = $(window).scrollTop();  if ( scrollTop > ($("#footer").offset().top-500-($(window).height())) ) {  $('#addis').show();  }  else if( scrollTop < ($("#footer").offset().top-500-($(window).height())) ){  $('#addis').hide();  }  });  });  </script>  <body>  <div id="page">  <h1 id="header">List</h1>  <h2>Buy groceries</h2>  <ul>  <li id="1" class="hot"><em>fresh</em> figs</li>  <li id="2" class="hot">pine nuts</li>  <li id="3" class="hot">honey</li>  <li id="4">balsamic vinegar</li>  <li id="5">balsamic vinegar</li>  <li id="6">balsamic vinegar</li>  <li id="7">balsamic vinegar</li>  <li id="8">balsamic vinegar</li>  <li id="9">balsamic vinegar</li>  <li id="10">balsamic vinegar</li>  <li id="11">balsamic vinegar</li>  <li id="12">balsamic vinegar</li>  <li id="13">balsamic vinegar</li>  <li id="14">balsamic vinegar</li>  <li id="15">balsamic vinegar</li>  <li id="16">balsamic vinegar</li>  <li id="17">balsamic vinegar</li>  <li id="18">balsamic vinegar</li>  <li id="19">balsamic vinegar</li>  <li id="20">balsamic vinegar</li>  <li id="21">balsamic vinegar</li>  <li id="22">balsamic vinegar</li>  </ul>  <div id="footer"><h2>&copy; ListKing</h2></div>  </div>  <div id="addis" style='display:none; border:solid white; position: fixed; bottom: 0; right: 0; width: 300px; height:100px'>  <h1></h1>    </div>    </body>  </html>  Task 3 Output Screenshot: |