# Department of Computing

**CS-213: Advanced Programming**

**Class: BSCS 7A**

# Lab 3: jQuery

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# Lab 3: jQuery

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| Solution |
| Task 1 Code:  <!DOCTYPE html>  <html>    <head>      <title>Task 1</title>      <link rel="stylesheet" href="css/c07.css" />      <script src = "https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>    </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>        </ul>      </div>      <script>        $(document).ready(function()        {        var d = new Date();        day = ["Mon", "Tue", "Wed", "Thurs", "Fri", "Sat", "Sun"];        var month = [ "January", "February", "March", "April", "May", "June","July", "August", "September", "October", "November", "December" ];        var time = d.getHours() + ":" + d.getMinutes() + ":" + d.getSeconds();            $("li").click(function(e) {             $("span").remove();             $(this).append("<span class='date'> Clicked on "+ day[d.getDay()] + " " + month[d.getMonth()]+ " " + d.getDate() + " " + d.getFullYear()+ " on " + time+ "</span>");            });        });      </script>    </body>  </html>  Task 1 Output Screenshot:      Task 2 Code:  <!DOCTYPE html>  <html>    <head>      <title>Task 2</title>      <link rel="stylesheet" href="css/c07.css" />      <script src = "https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>    </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>          <p>click or mouseover hot item</p>        </ul>      </div>      <script>        $(document).ready(function()        {              $("li").on("click mouseover", function(e) {               var status;              if($(this).text() == "honey" || $(this).text() == "pine nuts"){              status = "important";              }            else{              status = "available";            }                $("p").html("item: " + $(this).text() + "<br> type: " + e.type + "<br> status: " + status);              });        });      </script>    </body>  </html>  Task 2 Output Screenshot:      Task 3 Code:  <!DOCTYPE html>  <html>    <head>      <title>Task 3</title>      <link rel="stylesheet" href="css/c07.css" />      <script src = "https://ajax.googleapis.com/ajax/libs/jquery/3.2.1/jquery.min.js"></script>    </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">xyz</li>          <li id="four">abc</li>          <li id="four">xyz</li>          <li id="four">abc</li>          <li id="four">xyz</li>          <li id="four">abc</li>          <li id="four">xyz</li>          <li id="four">abc</li>          <li id="four">xyz</li>          <li id="four">abc</li>          <li id="four">xyz</li>          <li id="four">abc</li>          <li id="four">xyz</li>          <li id="four">abc</li>          <li id="four">xyz</li>          <li id="four">abc</li>          <li id="four">xyz</li>          <li id="four">abc</li>          <li id="four">xyz</li>          <li id="four">abc</li>          <div id="footer">© ListKing</div>          <div id="slideAd">AD</div>          </ul>      </div>      <script>        $(document).ready(function()        {              $("#slideAd").hide();        $(window).scroll(function () {          var val = $(document).height() - 1000;          console.log(val + " " +$(document).scrollTop())          if ($(document).scrollTop() > val) {            $("#slideAd").show()          }          else {            $("#slideAd").hide()          }        });      })      </script>    </body>  </html>  Task 3 Output Screenshot: |