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| **Lab No** | 03 | **Reg. No** | 224921 |
| **Student Name** | Muhammad Saad Tariq | **Section** | A |

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| Solution Task 1 |
| Code:  <script type="text/javascript">  $('li').on('click', function(){  var obj = new Date();  var mer = obj.getHours();  const month\_name = ['January', 'February', 'March', 'April', 'May', 'June', 'July', 'August', 'September', 'October', 'November', 'December'];  const day\_name = ['Sunday', 'Monday', 'Tuesday', 'Wednesday', 'Thursday', 'Friday', 'Saturday'];  $(this).append("<span>Clicked on "+day\_name[obj.getDay()]+", "+obj.getDate()+" "+month\_name[obj.getMonth()]+" "+obj.getFullYear()+" at "+noon(obj.getHours())+":"+append(obj.getMinutes())+" "+meridien(mer)+"(GMT +"+((Math.abs(obj.getTimezoneOffset())) / 60)+")"+"</span>").attr('id', 'changeFont');  $('#changeFont').css("fontSize", "18px");  })  function meridien(mer){  let opt;  let hour\_val = mer;  if(hour\_val >= 0 && hour\_val < 12)  opt = "am";  else if(hour\_val >= 12 && hour\_val <= 23)  opt = "pm";  return opt;  }  function append(x){  if(x < 10)  return "0"+x;  else  return x;  }  function noon(y){  if (y == 12)  return y;  else if (y == 0)  return ("0"+(y % 12));  else  return y % 12;  }  </script>  Output: |

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| Solution Task 2 |
| Code:  <script type="text/javascript">  $('li').on('mouseover', function(){  var x = $(this).text();  if(x == 'honey' || x == 'pine nuts'){  $('ul').after("<span><center>Item: "+x+"<br>Status: important<br>Event: mouseover</center></span>");  }  else{  $('ul').after("<span><center>Item: "+x+"<br>Status: available<br>Event: mouseover</center></span>");  }  })  $('li').on('click', function(){  var x = $(this).text();  if(x == 'honey' || x == 'pine nuts'){  $('ul').after("<span><center>Item: "+x+"<br>Status: important<br>Event: click</center></span>");  }  else{  $('ul').after("<span><center>Item: "+x+"<br>Status: available<br>Event: click</center></span>");  }  })  $('li').on('mouseleave', function(){  $('span').hide();  })  </script>  Output: |

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| Solution Task 3 |
| Code:  <div id = "slider">  <img src="C:\Users\saad1\Desktop\Lab 3 supporting material\Lab 3 supporting material\images\adverlion.png" />Latest offers  </div>  <script src="js/jquery-1.11.0.js"></script>  <script type="text/javascript">  $(function(){  $('#slider').hide();  $(window).scroll(function() {  if ($(window).scrollTop() > 500) {  $('#slider').fadeIn();  }  else{  $('#slider').fadeOut();  }  });  })  </script>  Output: |