

**BICT- Level I – Semester I**  
**Topic – Web Technologies (ICT1153)**  
**Practical 10**

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**JQuery Basics**

- Create a folder in the desktop named as “p10”
- Go to JQuery web site and download JQuery into your local machine (<https://jquery.com/download/>)
- Save the JQuery script file in the “p10” folder in desktop

Continue the practical by saving all your files in “p10” folder

1. Type the given below code and check the events. (save the file as *first.html*)

**Body section**

```
<body>
  <center>
    <div>
      <button id="b1">Fade In/Out</button>
      <button id="b2">Hide</button>
      <button id="b3">Show</button>
      <button id="b4">Hide/Show</button>
    </div>
  </center>
  <center>
    <div id="div1" style="background-color:#9999cc;"><p>University of
Ruhuna</p></div>
  </center>
  <center>
    <div id="div2" style="background-color:#b2b2d8;"><p>Faculty of
Technology</p></div>
  </center>
  <center>
    <div id="div3" style="background-color:#cccce5;"><p>Department of
ICT</p></div>
  </center>
</body>
```

## Head section

```
<head>
  <script src="include your jquery script file name"> </script>
  <script>
    $(document).ready(function(){
      $("#b1").click(function(){
        $("#div1").fadeToggle();
        $("#div2").fadeToggle("slow");
        $("#div3").fadeToggle(3000);
      });
      $("#b2").click(function(){
        $("#div3").hide();
      });
      $("#b3").click(function(){
        $("#div3").show();
      });
      $("#b4").click(function(){
        $("#div3").toggle();
      });
    });
  </script>
  <style>
    button {
      background-color:#191970;
      padding: 15px 32px;
      color:white;
      text-align: center;
      display: inline-block;
      font-size: 20px;
      cursor: pointer;
    }

    div{
      width:600px;
      height:80px;
    }

    p{
      text-align:center;
      font-size:40px;
    }
  </style>
</head>
```

2. Create a copy of first.html and save it as ***second.html***  
Modify the all the jquery functions to access html elements by class selectors.( you should change the html tags to have class names)
3. Modify ***second.html*** to have another button called Fade Out.  
Write down the jQuery function for Fade Out button to fade out “**div3**” when you click on that button (Change the division tag sizes where necessary)
4. Create the given below web page (all the required CSS styles are given below) (images are available resources folder)

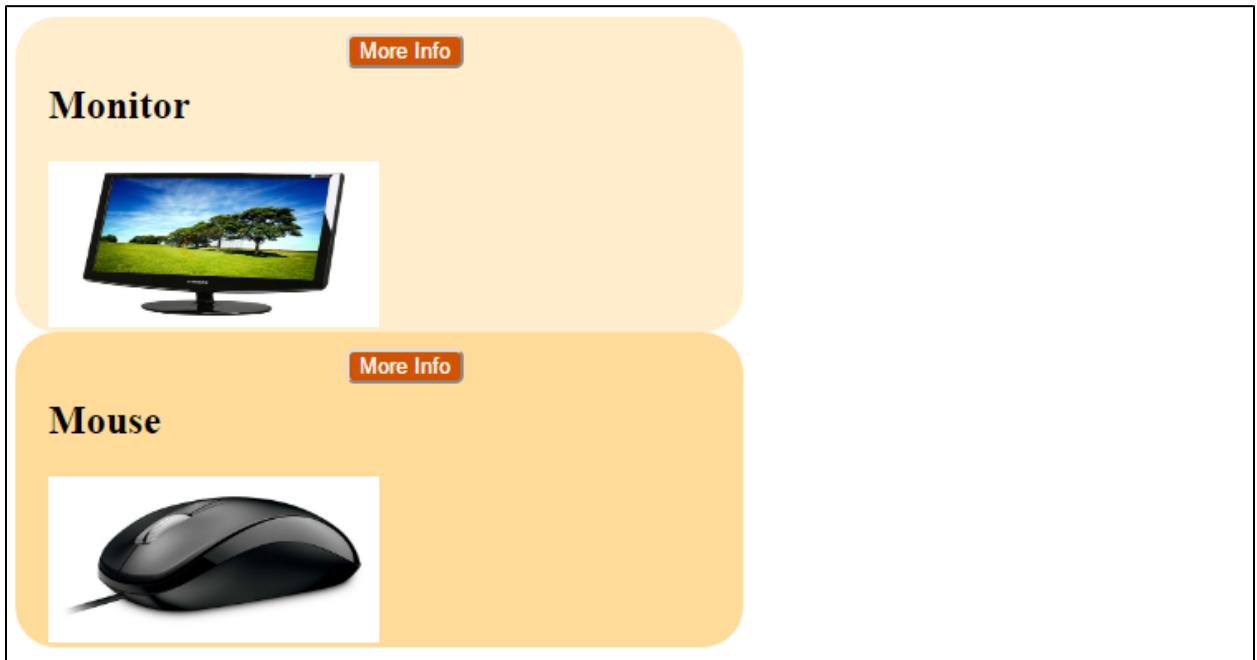


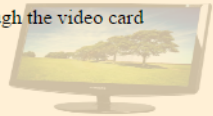
Figure 1: pc.html page

- a) Write down the required javascript functions and the html code for the following requirements (as given in figure 2)
- b) When the user clicks on “More Info” button,
  - i) the particular division should be expanded slowly up to 1000px,
  - ii) the image opacity should be reduced to 0.2
  - iii) the particular description should be displayed within the division

More Info

## Monitor

The monitor is the piece of computer hardware that displays the video and graphics information generated by the computer through the video card



More Info

## Mouse

The mouse, sometimes called a pointer, is a hand-operated input device used to manipulate objects on a computer screen. Whether the mouse uses a laser or ball, or is wired or wireless, a movement detected from the mouse sends instructions to the computer to move the cursor on the screen in order to interact with files, windows, and other software elements.

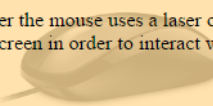


Figure 2:After clicking on More info buttons

## CSS styles

```
div{
    border-radius: 25px;
    background: #ffdb99;
    padding: 20px;
    width: 400px;
    height: 150px;
    position:relative;
}
img{
    position:relative;
    height:100px;
    width:200px;
}
button{
    align:right;
    position:absolute;
    left:200px;
    top:10px;
    border-radius: 5px;
    background:#CF5300;
    color:white;
}
p{
    display:none;
    position:absolute;
    left:10px;
    top:80px;
}
```

5. Try the given below code and check the JQuery slide effect

```
<!DOCTYPE html>
<html>
  <head>
    <script src="jquery-3.6.0.min.js"></script>
    <script>

      $(document).ready(function(){
        $("#flip1").click(function(){
          $("#panel1").slideToggle();
        });
      });
    </script>
    <style>
      #panel1, #flip1{
        padding: 5px;
        text-align: center;
        border: solid 1px #c34411;
      }

      #flip1{
        background-color: #FF7F50;
      }
      #panel1{
        background-color: #e55511;
      }
    </style>
  </head>
  <body>
    <div id="flip1">UOR</div>
    <div id="panel1"><h1>University of Ruhuna</h1></div>
  </body>
</html>
```