CSE3002 – Internet and Web Programming

LAB – 5

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Form Elements – Radio Buttons

Question

Provide 3 options for the user of your elective courses and let the user select one option. In the event of the corresponding course, display the course name in upper case then provide the 3 color options and let the user select one color and display the text of the div tag with the chosen color.

Answer

HTML Code

```html
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>JS stuff</title>
</head>
<body style="margin: 50px; border: 1px solid; padding: 40px; background-color:
#D6E5FA; font-family: 'Lucida Sans', 'Lucida Sans Regular', 'Lucida Grande',
'Lucida Sans Unicode', Geneva, Verdana, sans-serif;">

    <h2><u>Internet and Web Programming</u></h2>
    <h3><u>Lab - 5 </u></h3>
    <br><br>
    <h3><u>Select Elective</u></h3>
    <input type="radio" name="elective" value="Business Analytics for
Engineers "> Business Analytics
    <input type="radio" name="elective" value="International Business">
International B
    <input type="radio" name="elective" value="Personal Financial Management
"> Personal Financial
    <br><br>
    <h3><u>Select Color</u></h3>
    <input type="radio" name="color" value="blue" onclick="function1()"> Blue
    <input type="radio" name="color" value="red" onclick="function1()"> Red
    <input type="radio" name="color" value="green" onclick="function1()">
Green
    <br><br>

    <div id = "rs"></div>
    <br><br>
```

```html
    <button type="submit" onclick="function2()" style="width: 100px; height:
50px;">Refresh Page</button>

    <script src="index.js"></script>
</body>
</html>
```

JavaScript Code

```javascript
function function1()
{
    var x = document.getElementsByName("elective");
    for (var i = 0 ; i < x.length ; i++)
    {
        if (x[i].checked)
        {
            var ans = (x[i].value).toUpperCase();
        }

    }

    var o = document.getElementsByName("color");

    for (var i = 0 ; i < o.length ; i++)
    {
        if (o[i].checked)
        {
            var ans2 = o[i].value;
            document.querySelector("#rs").style.color = ans2;
        }
    }

    document.querySelector("#rs").innerHTML = ans + " is chosen with the color
" + ans2;
    document.querySelector("#rs").style.fontSize = "2rem"
}

function function2()
{
    location.reload();
}
```
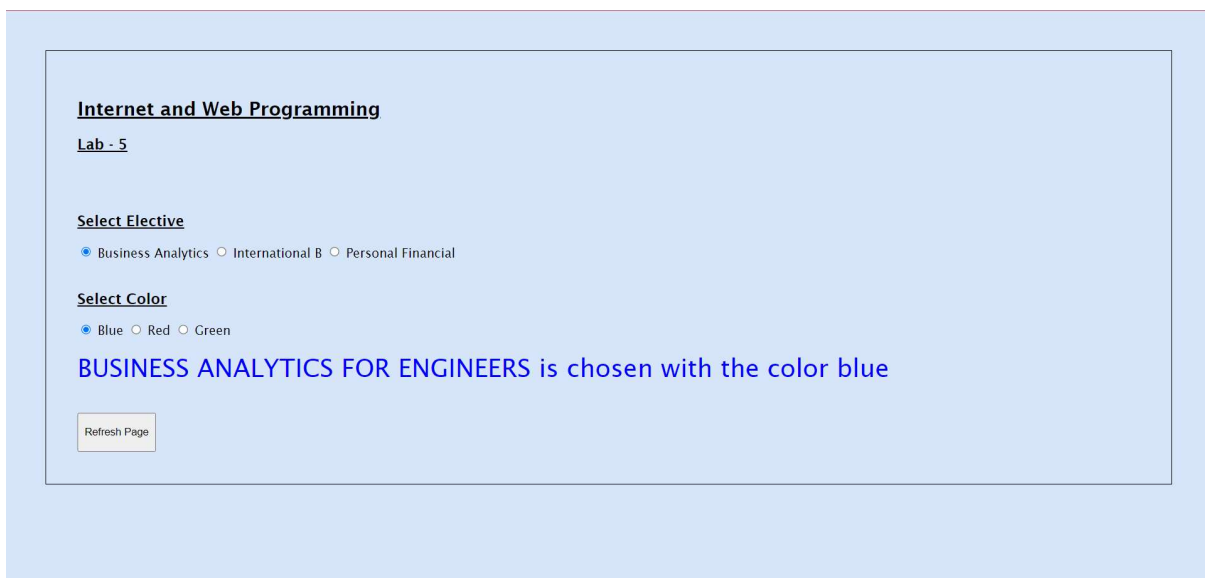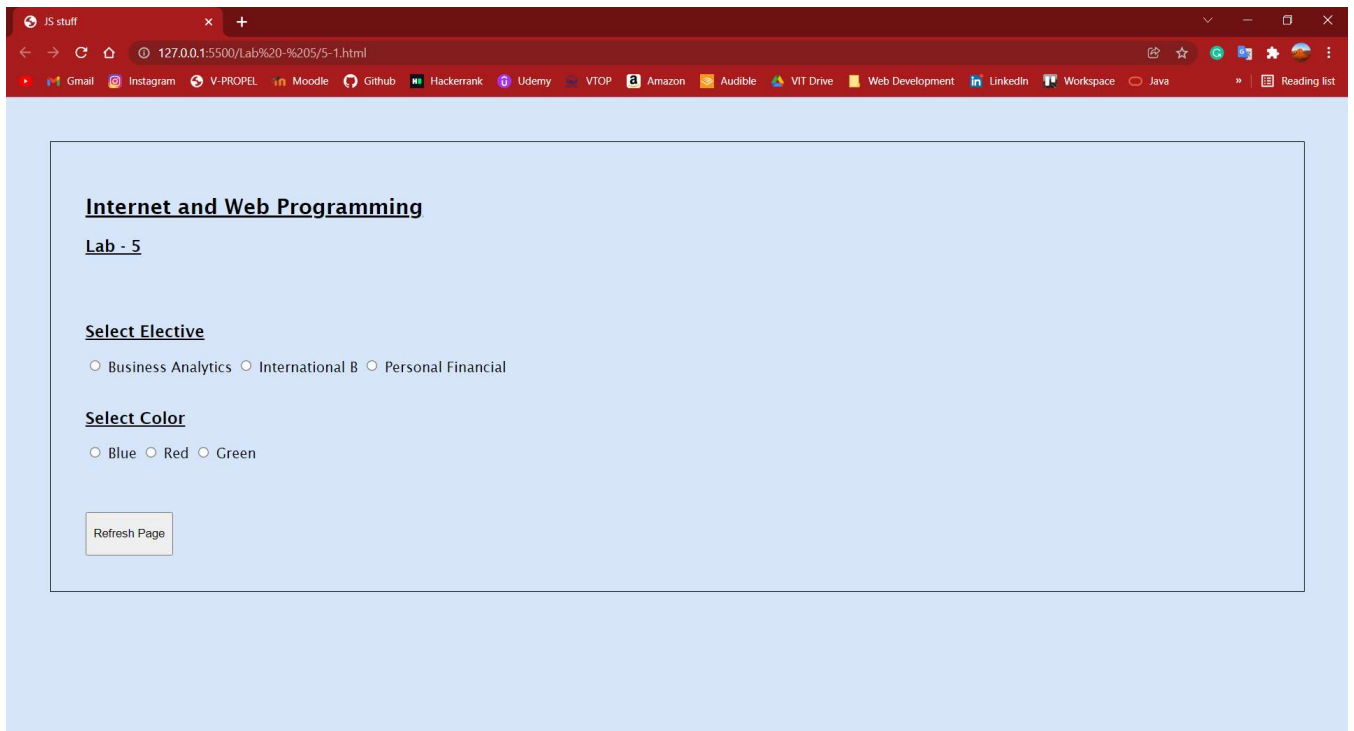
Output

Internet and Web Programming

Lab - 5

Select Elective
○ Business Analytics ○ International B ○ Personal Financial

Select Color
○ Blue ○ Red ○ Green

Refresh Page

Internet and Web Programming

Lab - 5

Select Elective
⦿ Business Analytics ○ International B ○ Personal Financial

Select Color
⦿ Blue ○ Red ○ Green

BUSINESS ANALYTICS FOR ENGINEERS is chosen with the color blue

Refresh Page

Internet and Web Programming

Lab - 5

Select Elective

○ Business Analytics ● International B ○ Personal Financial

Select Color

○ Blue ● Red ○ Green

INTERNATIONAL BUSINESS is chosen with the color red

Refresh Page

Internet and Web Programming

Lab - 5

Select Elective

○ Business Analytics ○ International B ● Personal Financial

Select Color

○ Blue ○ Red ● Green

PERSONAL FINANCIAL MANAGEMENT is chosen with the color green

Refresh Page

Internet and Web Programming

Lab - 5

Select Elective

● Business Analytics ○ International B ○ Personal Financial

Select Color

○ Blue ○ Red ● Green

BUSINESS ANALYTICS FOR ENGINEERS is chosen with the color green

Refresh Page

Internet and Web Programming

Lab - 5

Select Elective

○ Business Analytics ○ International B ⦿ Personal Financial

Select Color

⦿ Blue ○ Red ○ Green

PERSONAL FINANCIAL MANAGEMENT is chosen with the color blue

Refresh Page

Thank you ma'am

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