



5/20/2023

# Lab no 12

Internet application development

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ROLL NO: BS-20-GB-108417

## Aspx Code:

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb"
Inherits="_Default" %>
```

```
<!DOCTYPE html>
```

```
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
  <title>Lab 11</title>
  <style>
    body {
      font-family: Arial, sans-serif;
      background-color: #f9f9f9;
      margin: 20px;
      color: #333;
    }

    h1, h2, p {
      margin-bottom: 10px;
    }

    h1 {
      font-size: 32px;
      color: #4285f4;
      text-align: center;
    }

    h2 {
      font-size: 24px;
      color: #ea4335;
      text-align: center;
    }

    p {
      font-size: 18px;
      color: #3c4043;
      text-align: center;
    }

    a {
      color: #4285f4;
      text-decoration: none;
    }

    #Div1 {
      background-color: #ffffff;
      padding: 20px;
      border-radius: 5px;
      box-shadow: 0 2px 5px rgba(0, 0, 0, 0.1);
      margin-top: 20px;
      text-align: center;
    }

    img {
      max-width: 100%;
      height: auto;
    }
  </style>
</head>
<body>
  <h1>Lab 11</h1>
  <h2>Lab 11</h2>
  <p>Lab 11</p>
  <a href="#">Lab 11</a>
  <div id="Div1">
    <img alt="Lab 11" data-bbox="111 898 570 998" />
  </div>
</body>
</html>
```

```

        margin-top: 20px;
    }

    /* Interactive Styles */
    h1:hover, h2:hover, p:hover {
        color: #ea4335;
        cursor: pointer;
    }
</style>
</head>
<body>
    <h1><b>Lab no : 11</b></h1>
    <hr />

    <h2><b>Problem Statement:</b></h2>
    =
    <p><b>It consists of two buttons, two radio buttons, a drop-down list, and any
display control.</b></p>
    <p>(a) The user will select either of the radio buttons and then click the button above
the radio buttons to get the desired result of the query.</p>
    <p>(b) The user, after selecting a city, will click the second button to find the total
cost of products ordered by customers in that city.</p>

    <br />
    <hr />

    <h2><b>Lab Demo</b></h2>
    <p>Click here: <a href="lab12.aspx">Lab 12 Demo</a></p>
    <hr />

    <h2><b>Lab Report:</b></h2>
    <div id="Div1" runat="server">
        <a href="lab12.pdf" download>Download Lab11</a>
        <hr />
        <h2><b>Output</b></h2>

        <br />
        
        <br />
    </div>
</body>
</html>

```

## Vb Code:

```

Partial Class lab11_Default
    Inherits System.Web.UI.Page

End Class

```

## Aspx Code:

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="lab_12.aspx.vb"
Inherits="lab_12" %>
```

```
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
<title></title>

<style>
* {
    margin: 0;
    padding: 0;
    box-sizing: border-box;
}
html, body {
    height: 100%;
    font-family: 'Lato', sans-serif;
}
#container {
    display: grid;
    place-items: center;
    height: 100%;
}
#form1 {
    display: flex;
    flex-direction: column;
    align-items: center;
    background-color: #fff;
    padding: 20px;
    border-radius: 5px;
    box-shadow: 5px 5px 30px rgba(0,0,0,0.2);
}
h1, h2 {
    color: #0069d9;
    text-align: center;
    margin-bottom: 20px;
}
.radio-container {
    text-align: center;
    margin-bottom: 20px;
}
.radio-container label {
    margin-right: 10px;
    color: #0069d9;
}
.output {
    text-align: center;
    margin-top: 20px;
}
.output input[type="text"] {
    padding: 10px;
    font-size: 16px;
    width: 300px;
    border-radius: 5px;
    border: 1px solid lightgrey;
}
```

```

    }
    .output input[type="submit"] {
        margin-top: 10px;
        padding: 10px 20px;
        font-size: 16px;
        background-color: #0069d9;
        color: #fff;
        border: none;
        border-radius: 5px;
        cursor: pointer;
    }
    .output input[type="submit"]:hover {
        background-color: #0051a8;
    }
    #DropDownList {
        margin-top: 20px;
        padding: 18px;
        font-size: 10px;
        width: 260px;
        border-radius: 5px;
        border: 3px solid lightgrey;
    }
    #DropDownList:focus {
        outline: none;
        border-color: #0069d9;
        box-shadow: 0 0 5px rgba(0, 105, 217, 0.5);
    }
    #TextBox2 {
        margin-top: 10px;
        padding: 10px;
        font-size: 20px;
        width: 300px;
        border-radius: 5px;
        border: 1px solid lightgrey;
    }
}
</style>
</head>
<body>
    <form id="form1" runat="server">
    <div id="container">

        <div>
            <h1>Find the Product Description whose price is Selected Below: </h1>
            <asp:RadioButtonList ID="radioButtonList" runat="server" AutoPostBack="true">
                <asp:ListItem id="minRadioButton" runat="server">Minimum</asp:ListItem>
                <asp:ListItem id="maxRadioButton" runat="server">Maximum</asp:ListItem>
            </asp:RadioButtonList>
        </div>

        <div class="output">
            <h2>price </h2>
            <asp:TextBox ID="TextBox1" runat="server"></asp:TextBox>
        </div>
    </div>

```

```

<br />
<br />
<h1 id="second_heading">Find total Cost of Products(including quantity) ordered by
customers who live in the selected city? </h1>
<asp:DropDownList ID="DropDownList" runat="server"
AutoPostBack="true">
    <asp:ListItem Value="" Text="Select City"></asp:ListItem>
</asp:DropDownList>

<br />
<asp:TextBox ID="TextBox2" runat="server">
</asp:TextBox>

</form>
</body>
</html>

```

## Vb Code:

```

Imports System.Data
Imports System.Data.SqlClient

Partial Class lab_12
    Inherits System.Web.UI.Page

    Private Sub lab_12_Load(sender As Object, e As EventArgs) Handles Me.Load
        If IsPostBack = False Then
            Dim SqlConnection As New SqlConnection
            SqlConnection.ConnectionString = "Data Source=AHMED;Initial
Catalog=pvfc;Integrated Security=True"
            Dim sqlListItem As New SqlCommand
            sqlListItem.Connection = SqlConnection
            sqlListItem.CommandText = "select distinct Customer_city from customer_t
where customer_city is not null;"
            SqlConnection.Open()
            Dim dr As SqlDataReader
            dr = sqlListItem.ExecuteReader()
            While dr.Read()
                Dim listItem As New ListItem
                listItem.Text = dr("Customer_city")
                DropDownList.Items.Add(listItem)
            End While
            SqlConnection.Close()
        End If
        DropDownList.Style.Add("font-size", "20px")
    End Sub

    Protected Sub radioButtonList_SelectedIndexChanged(sender As Object, e As EventArgs)
Handles radioButtonList.SelectedIndexChanged
        Dim SqlConnection As New SqlConnection
        SqlConnection.ConnectionString = "Data Source=AHMED;Initial
Catalog=pvfc;Integrated Security=True"
        Dim maxPriceSql As New SqlCommand
        maxPriceSql.Connection = SqlConnection
        maxPriceSql.CommandText = "select product_description from product_t where
standard_price =(select max(standard_price) from PRODUCT_t);"
        Dim minPriceSql As New SqlCommand
        minPriceSql.Connection = SqlConnection
    End Sub

```

```

        minPriceSql.CommandText = "select product_description from product_t where
standard_price =(select min(standard_price) from PRODUCT_t);"
        Dim flagMax As String
        flagMax = radioButtonList.SelectedValue.ToString
        If flagMax = "Maximum" Then
            SqlConnection.Open()
            Dim dr As SqlDataReader
            dr = maxPriceSql.ExecuteReader()
            dr.Read()
            TextBox1.Text = dr("product_description")
            SqlConnection.Close()
        ElseIf flagMax = "Minimum" Then
            SqlConnection.Open()
            Dim dr As SqlDataReader
            dr = minPriceSql.ExecuteReader()
            dr.Read()
            TextBox1.Text = dr("product_description")
            SqlConnection.Close()
        Else
            TextBox1.Text = ""
        End If
        TextBox1.Style.Add("font-size", "20px")
    End Sub

    Protected Sub DropDownList_SelectedIndexChanged(sender As Object, e As EventArgs)
Handles DropDownList.SelectedIndexChanged
        Dim city As String
        city = DropDownList.SelectedValue.ToString
        Dim SqlConnection As New SqlConnection
        SqlConnection.ConnectionString = "Data Source=AHMED;Initial
Catalog=pvfc;Integrated Security=True"
        Dim prodCostSql As New SqlCommand
        prodCostSql.Connection = SqlConnection
        prodCostSql.CommandText = "select sum(tt) as TotalCost from (select
(Ordered_Quantity*Standard_Price) as tt from customer_t,order_t ,order_line_t,product_t "
        prodCostSql.CommandText &= " where customer_t.Customer_Id = ORDER_t.customer_id
and order_t.order_Id = ORDER_line_t.order_id and "
        prodCostSql.CommandText &= " order_line_t.product_Id = product_t.product_id and
Customer_City = '" & city & "' )as tt;"
        SqlConnection.Open()
        Dim dr As SqlDataReader
        dr = prodCostSql.ExecuteReader()
        dr.Read()
        Dim str As String
        str = dr("TotalCost").ToString
        If str = "" Then
            TextBox2.Text = "No Orders"
        Else
            TextBox2.Text = str
        End If
        TextBox2.Style.Add("font-size", "10px")
        SqlConnection.Close()
    End Sub
End Class

```

# Output:

Find the Product Description whose price is Selected Below:

- ☒ Minimum
- ☐ Maximum

price

End Table

Find total Cost of Products(including quantity) ordered by customers who live in the selected city?

Albany

1050.00