Task 4.1 Validation Controls

```asp
1  <%@ Page Language="C#" AutoEventWireup="true" CodeFile="Default.aspx.cs" Inherits="week4_Default" %>
2  <script runat="server">
3      protected void checkvldBDate(object source, ServerValidateEventArgs args)
4      {
5          args.IsValid = false;
6          DateTime beginDate, endDate;
7          try
8          {
9              beginDate = DateTime.Parse(BDate.Text);
10         }
11         catch (Exception e)
12         {
13             feedbackmsg.Text = "Begin Date is invalid. <br />";
14             return;
15         }
16
17         try
18         {
19             endDate = DateTime.Parse(EDate.Text);
20         }
21         catch (Exception e)
22         {
23             feedbackmsg.Text = "End Date is invalid";
24             return;
25         }
26
27         if (beginDate >= endDate)
28         {
29             feedbackmsg.Text = "Begin date should be earlier than End date. <br />";
30             return;
31         }
32         if (beginDate < DateTime.Now)
33         {
34             feedbackmsg.Text = "Begin date can't be earlier than today. <br />";
35             return;
36         }
37         args.IsValid = true;
38     }
39
40     private void vldCheck(object sender, EventArgs e) {
41         if (!(Page.IsValid))
42         {
43             return;
44         }
45         DateTime BeginDate, EndDate;
46         int Num;
47         BeginDate = DateTime.Parse(BDate.Text);
48         EndDate = DateTime.Parse(EDate.Text);
49         Num = int.Parse(RangeCheck.Text);
50         feedbackmsg.ForeColor = System.Drawing.Color.LawnGreen;
51         feedbackmsg.Text = "Msg: "+"\r\n"+" Begin Date: "+BeginDate.ToLongDateString()
52                         + " End Date: "+EndDate.ToLongDateString()
53                         + " Number: "+ Num.ToString()
54                         + " Email: "+ Email.Text;
55
56
57     }
58  </script>
59  <!DOCTYPE html>
60
61  <html xmlns="http://www.w3.org/1999/xhtml">
62  <head runat="server">
63      <title>Validation Prac</title>
64      <link href="StyleSheet.css" rel="stylesheet" type="text/css" />
65  </head>
66  <body>
67      <form id="form1" runat="server">
68      <div>
69          <asp:panel ID="panel1" runat="server" BackColor="White" BorderColor="Blue" HorizontalAlign="center" BorderWidth="4"
70          BorderStyle="Ridge">
71              <h1>Validation Prac</h1>
72                  <table>
73                      <tr>
74                          <td>Begin Date: </td>
75                          <td><asp:TextBox ID="BDate" runat="server" /><br /></td>
76                      </tr>
77                      <tr>
78                          <td>End Date: </td>
79                          <td><asp:TextBox ID="EDate" runat="server" /><br /></td>
80                      </tr>
81                      <tr>
82                          <td>RangeCheck (Between 1 to 5):</td>
83                          <td><asp:TextBox ID="RangeCheck" runat="server" /></td>
84                      </tr>
85                      <tr>
86                          <td>Password: </td>
87                          <td><asp:TextBox ID="pwd1" runat="server" TextMode="Password" /></td>
88                      </tr>
89                      <tr>
90                          <td>Confirm Your Password: </td>
91                          <td><asp:TextBox ID="pwd2" runat="server" TextMode="Password" /></td>
92                      </tr>
93                      <tr>
94                          <td>Email: </td>
95                          <td><asp:TextBox ID="Email" runat="server" /></td>
96                      </tr>
97                  </table>
98              <asp:RequiredFieldValidator ID="vldBDate" runat="server"
99                  ErrorMessage="Please enter a valid Begin Date"
100                 ControlToValidate="BDate" />
```

```
101                    <br />
102                    <asp:RequiredFieldValidator ID="vldEDate" runat="server"
103                        ErrorMessage="Please enter a valid End Date"
104                        ControlToValidate="EDate" />
105                    <br />
106                    <asp:RangeValidator ID="rngVld" runat="server"
107                        ControlToValidate="RangeCheck"
108                        ErrorMessage="Pleas enter between 1 to 5"
109                        MinimumValue="1" MaximumValue="5" Type="Integer" />
110                    <br />
111                    <asp:CompareValidator ID="cmpPwd" runat="server"
112                        ControlToValidate="pwd1"
113                        ControlToCompare="pwd2"
114                        ErrorMessage="Not Same Password!" />
115                    <br />
116                    <asp:RegularExpressionValidator ID="validateEmail" runat="server" ControlToValidate="Email"
117                        validationExpression=".*@.*\..*" ErrorMessage="Invalid Email" Display="Dynamic" />
118                    <br />
119                    <asp:CustomValidator ID="vldDates" runat="server" ControlToValidate="BDate" OnServerValidate="checkvldBDate" />
120                    <br />
121                    <asp:Button ID="button" runat="server" Text="Check"
122                        onClick="vldCheck" />
123                    <br />
124                    <asp:label id="feedbackmsg" runat="server" Text="Click the button" />
125                </asp:panel>
126          </div>
127          </form>
128    </body>
129    </html>
```

Task 4.1 Validation Controls

```
1  <%@ Page Language="C#" AutoEventWireup="true" CodeFile="Default2.aspx.cs" Inherits="week4_Default2" %>
2
3  <!DOCTYPE html>
4  <script language="c#" runat="server">
5  private void addRec(object sender, EventArgs e)
6  {
7      lblMsg.Text = "";
8      if (!(Page.IsValid))
9      {
10         return;
11     }
12     else
13     {
14         lblMsg.Text = "Details Submitted Succesfully";
15     }
16 }
17 </script>
18
19 <html xmlns="http://www.w3.org/1999/xhtml">
20 <head runat="server">
21     <title>Task 4-2</title>
22     <link href="StyleSheet.css" rel="stylesheet" type="text/css" />
23 </head>
24 <body>
25 <form id="main" runat="server">
26   <asp:Label ID="lblFName" Font-Bold="true" Font-Name="Arial" Text="First Name"  runat="server"/>
27     <br />
28   <asp:TextBox id="FName" Columns="50" runat="server"/>
29     <br />
30   <asp:RequiredFieldValidator ID="vFName" ControlToValidate="FName" Display="Dynamic" ErrorMessage="Please Enter First Name"  Font-Name="Arial" ForeColor="#FF0000" runat="server"/>
31     <br />
32   <asp:Label ID="lblLName" Font-Bold="true" Font-Name="Arial" Text="Last Name"  runat="server"/>
33     <br />
34   <asp:TextBox id="LName" Columns="50" runat="server" />
35     <br />
36   <asp:RequiredFieldValidator ID="vLName" ControlToValidate="LName" Display="Dynamic" ErrorMessage="Please Enter Last Name"  Font-Name="Arial" ForeColor="#FF0000" runat="server"/>
37     <br />
38   <asp:Label ID="lblEmail" Font-Bold="true" Font-Name="Arial" Text="Email"  runat="server"/>
39     <br />
40   <asp:TextBox id="Email" Columns="50" runat="server"/>
41     <br />
42   <asp:RequiredFieldValidator ID="vEmail" ControlToValidate="Email" Display="Dynamic" ErrorMessage="Please Enter an Email Address"  Font-Name="Arial" ForeColor="#FF0000" runat="server"/>
43     <br />
44   <asp:Label ID="lblreEmail" Font-Bold="true" Font-Name="Arial" Text="Re-Enter Email Address"  runat="server"/>
45     <br />
46   <asp:TextBox ID="reEmail" Columns="50" runat="server"/>
47     <br />
48   <asp:RequiredFieldValidator ID="vreEmail" ControlToValidate="reEmail" Display="Dynamic" ErrorMessage="Please re-Enter an Email Address"  Font-Name="Arial" ForeColor="#FF0000" runat="server"/>
49     <br />
50   <asp:RegularExpressionValidator ID="regEmail" ControlToValidate="Email" Display="Dynamic" ValidationExpression=".*@.*\..*" ErrorMessage="Please Enter a Valid Email Address"  Font-Name="Arial" ForeColor="#FF0000" runat="server"/>
51     <br />
52   <asp:CompareValidator ID="comEmail" ControlToCompare="Email" ControlToValidate="reEmail" Display="Dynamic" ErrorMessage="Email Address Don't Match"  Font-Name="Arial" ForeColor="#FF0000" runat="server"/>
53     <br />
54
55   <asp:Label ID="lblAdd" Font-Bold="true" Font-Name="Arial" Text="Address"  runat="server"/>
56     <br />
57   <asp:TextBox id="Addr" Columns="50" runat="server" Rows="3" TextMode="MultiLine"  Wrap="true" />
58     <br />
59   <asp:RequiredFieldValidator ID="vAddr" ControlToValidate="Addr" Display="Dynamic" ErrorMessage="Please Enter An Address"  Font-Name="Arial" ForeColor="#FF0000" runat="server"/>
60     <br />
61
62   <asp:Label ID="lblPost" Font-Bold="true" Font-Name="Arial" Text="Postcode"  runat="server"/>
63     <br />
64   <asp:TextBox id="Post" Columns="50" runat="server"/>
65
66   <asp:Label ID="lblState" Font-Bold="true" Font-Name="Arial" Text="State"  runat="server"/>
67   <asp:DropDownList id="State" runat="server">
68     <asp:ListItem Text="ACT" Value="ACT"/>
69     <asp:ListItem Text="NT" Value="NT"/>
70     <asp:ListItem Text="NSW" Value="NSW"/>
71     <asp:ListItem Text="QLD" Value="QLD"/>
72     <asp:ListItem Text="SA" Value="SA"/>
73     <asp:ListItem Text="WA" Value="WA"/>
74     <asp:ListItem Text="TAS" Value="TAS"/>
75     <asp:ListItem Text="VIC" Value="VIC" Selected="true"/>
76   </asp:DropDownList>
77     <br />
78   <asp:RequiredFieldValidator ID="vPost" ControlToValidate="Post" Display="Dynamic" ErrorMessage="Please Enter a Postcode"  Font-Name="Arial" ForeColor="#FF0000" runat="server"/>
79   <asp:RangeValidator ID="rgPost" ControlToValidate="Post" MinimumValue="1000" MaximumValue="9999" Type="Integer" Display="Dynamic" ErrorMessage="Please Enter a Valide Postcode"  Font-Name="Arial" ForeColor="#FF0000" runat="server"/>
80     <br />
81
82   <asp:Button ID="btnSub" OnClick="addRec" Text="Submit" runat="server"/>
83     <br />
84 </form>
85 <asp:Label ID="lblMsg" Font-Name="Arial"  ForeColor="#0066FF" runat="server"/>
86 </body>
87 </html>
```

Task 4.1 Validation Controls

UPLOAD DETAILS

Submission	A Screen Shot of your Near Miss Arlines application in action on a web server (Part 1)
Filename	4-1-1.png
Document Type	Image
Upload Timestamp	2016-08-22 13:43:29
File Number	3 of 6
Student Name	Luyang Ye
Student ID	26610000

Validation Prac

Begin Date: `1/1/1993`

End Date: `1/2/1993`

RangeCheck (Between 1 to 5): `7`

Password: `··`

Confirm Your Password: `··`

Email: `22@2.vc`

Pleas enter between 1 to 5

Check
Click the button

Task 4.1 Validation Controls

Validation Prac

Begin Date: 1/1/1993

End Date: 1/2/1993

RangeCheck (Between 1 to 5): 3

Password: ··

Confirm Your Password: ···

Email: 22@2.vc

Not Same Password!

Check
Click the button

Task 4.1 Validation Controls

Validation Prac

Begin Date: `1/1/1993`

End Date: `1/2/1993`

RangeCheck (Between 1 to 5): `3`

Password: `••`

Confirm Your Password: `••`

Email: `22@2`

Invalid Email

[Check]

Click the button

Task 4.1 Validation Controls

First Name

s

Last Name

e

Email

ee@e.e

Re-Enter Email Address

ee@e.e

Address

33

Postcode

3168   **State** VIC ▾

Submit

Details Submitted Succesfully