Lab Work: Create a Web application in your domain using the various given validation controls.

Code –

Rename.aspx.cs :

```csharp
using System;
using System.Collections.Generic;
using System.Linq;
using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace RenameDetailsEWMI
{
    public partial class Rename : System.Web.UI.Page
    {
        protected void Button1_Click(object sender, EventArgs e)
        {
            Response.Write("Process Successful !!!");
        }
    }
}
```

Rename.aspx :

```aspx
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Rename.aspx.cs"
Inherits="RenameDetailsEWMI.Rename" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
    <style type="text/css">
        .auto-style1 {
            height: 29px;
        }
        .auto-style2 {
            width: 385px;
        }
        .auto-style3 {
            height: 29px;
            width: 137px;
        }
        .auto-style4 {
            height: 29px;
            width: 385px;
        }
        .auto-style5 {
            height: 29px;
            width: 781px;
        }
    </style>
</head>
```

```
<body>
    <form id="form1" runat="server">
        <div>
                <center><h1>EWMI</h1></center>
        </div>
        <table class="auto-style5" align="center">
            <tr>
                <td class="auto-style3">Username</td>
                <td>
                    <asp:TextBox ID="TextBoxuUsername" runat="server"
Width="200px"></asp:TextBox>
                </td>
                <td class="auto-style2">
                    <asp:RequiredFieldValidator ID="RequiredFieldValidator1"
runat="server" ControlToValidate="TextBoxuUsername" ErrorMessage="Username is
Required" ForeColor="Red"></asp:RequiredFieldValidator>
                </td>
            </tr>
            <tr>
                <td class="auto-style3">Name</td>
                <td>
                    <asp:TextBox ID="TextBoxName" runat="server"
Width="200px"></asp:TextBox>
                </td>
                <td class="auto-style2">
                    <asp:RequiredFieldValidator ID="RequiredFieldValidator2"
runat="server" ControlToValidate="TextBoxName" ErrorMessage="Name is Required"
ForeColor="Red"></asp:RequiredFieldValidator>
                </td>
            </tr>
            <tr>
                <td class="auto-style3">Age</td>
                <td>
                    <asp:TextBox ID="TextBoxAge" runat="server"
Width="200px"></asp:TextBox>
                </td>
                <td class="auto-style2">
                    <asp:RequiredFieldValidator ID="RequiredFieldValidator7"
runat="server" ControlToValidate="TextBoxAge" ErrorMessage="Age is Required"
ForeColor="Red"></asp:RequiredFieldValidator>
                     
                    <br />
                    <asp:RangeValidator ID="RangeValidator1" runat="server"
ControlToValidate="TextBoxAge" ErrorMessage="Age Should be in (18+)" ForeColor="Red"
MaximumValue="100" MinimumValue="18" Type="Integer"></asp:RangeValidator>
                </td>
            </tr>
            <tr>
                <td class="auto-style3">Email</td>
                <td class="auto-style1">
                    <asp:TextBox ID="TextBoxEmail" runat="server"
Width="200px"></asp:TextBox>
                </td>
                <td class="auto-style4">
                    <asp:RequiredFieldValidator ID="RequiredFieldValidator3"
runat="server" ControlToValidate="TextBoxEmail" ErrorMessage="Email is Required"
ForeColor="Red"></asp:RequiredFieldValidator>
                    <br />
                    <asp:RegularExpressionValidator ID="RegularExpressionValidator1"
runat="server" ControlToValidate="TextBoxEmail" ErrorMessage="Email is in invalid
format." ForeColor="Red" ValidationExpression="\w+([-+.']\w+)*@\w+([-.]\w+)*\.\w+([-
.]\w+)*"></asp:RegularExpressionValidator>
```

```
                    </td>
                </tr>
                <tr>
                    <td class="auto-style3">Password</td>
                    <td class="auto-style1">
                        <asp:TextBox ID="TextBoxPassword" runat="server" Width="200px"
TextMode="Password"></asp:TextBox>
                    </td>
                    <td class="auto-style4">
                        <asp:RequiredFieldValidator ID="RequiredFieldValidator4"
runat="server" ControlToValidate="TextBoxPassword" ErrorMessage="Password is Required"
ForeColor="Red"></asp:RequiredFieldValidator>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style3">Confirm Password</td>
                    <td>
                        <asp:TextBox ID="TextBoxCnfPw" runat="server" Width="200px"
TextMode="Password"></asp:TextBox>
                    </td>
                    <td class="auto-style2">
                        <asp:RequiredFieldValidator ID="RequiredFieldValidator5"
runat="server" ControlToValidate="TextBoxCnfPw" ErrorMessage="Confirm Password is
Required " ForeColor="Red"></asp:RequiredFieldValidator>
                        <br />
                        <asp:CompareValidator ID="CompareValidator1" runat="server"
ControlToCompare="TextBoxPassword" ControlToValidate="TextBoxCnfPw"
ErrorMessage="Passwords doesn't match !!!" ForeColor="Red"></asp:CompareValidator>
                    </td>
                </tr>
                <tr>
                    <td class="auto-style3">City</td>
                    <td>
                        <asp:DropDownList ID="DropDownListCity" runat="server"
Height="19px" Width="200px">
                            <asp:ListItem>Choose</asp:ListItem>
                            <asp:ListItem>Banglore</asp:ListItem>
                            <asp:ListItem>Delhi</asp:ListItem>
                            <asp:ListItem>Kolkata</asp:ListItem>
                            <asp:ListItem>Mumbai</asp:ListItem>
                        </asp:DropDownList>
                    </td>
                    <td class="auto-style2">
                        <asp:RequiredFieldValidator ID="RequiredFieldValidator6"
runat="server" ControlToValidate="DropDownListCity" ErrorMessage="City is Required"
ForeColor="Red" InitialValue="Choose"></asp:RequiredFieldValidator>
                    </td>
                </tr>
                 <tr>
                    <td class="auto-style3"> </td>
                    <td>
                        <asp:Button ID="Button1" runat="server" Text="Submit"
OnClick="Button1_Click" />

             
                        <input id="Reset1" type="reset" value="Reset" /></td>
                    <td> </td>
            </table>
        </form>
</body>
</html>
```

Screenshots of the Output –

A) Initial Screen:

EWMI

Username	
Name	
Age	
Email	
Password	
Confirm Password	
City	Choose ⌄
	Submit Reset

B) Filling Details:

EWMI

Username	
Name	Avatansh
Age	18
Email	avatansh.awasthi@mca.christuniv
Password	••••
Confirm Password	••••
City	Banglore ⌄
	Submit Reset

C) Required Field Validator:

D) Range Validator :

E) Regular Expression Validator:

EWMI

Username	Avatansh5
Name	Avatansh
Age	20
Email	avatansh.awasthimca.christuniver
Password	••••
Confirm Password	••••
City	Banglore ▾

Email is in invalid format.

Submit   Reset

F) Compare Validator:

EWMI

Username	Avatansh5
Name	Avatansh
Age	20
Email	avatansh.awasthi@mca.christuniv
Password	•••••
Confirm Password	••••
City	Banglore ▾

Passwords doesn't match !!!

Submit   Reset

G) Submit :

Process Successful !!!

EWMI

Username	Avatansh5
Name	Avatansh
Age	20
Email	avatansh.awasthi@mca.christun
Password	
Confirm Password	
City	Banglore ▼

Submit   Reset