

Practical 15

Aim: Create ASP.NET program for form validation

#PROGRAM

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<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="form_validation.WebForm1" %>
<!DOCTYPE html>
<html xmlns="http://www.w3.org/1999/xhtml">
  <head runat="server">
    <title></title>
  </head>
  <body>
    <form id="form1" runat="server">
      <div style="margin-left: 40px">
        <asp:ValidationSummary runat="server" headertext="There were errors on the
page:" ForeColor="Red" />

        <p>Please enter a User ID and Password:</p>
        <table>
          <tr>
            <td>
              <asp:RequiredFieldValidator runat="server"
                controltovalidate="txtname"
                errormessage="User ID is required.">*
              </asp:RequiredFieldValidator>
            </td>
            <td>User ID:</td>
            <td>
              <input type="text" runat="server" id="txtname"/>
              <asp:RegularExpressionValidator runat="server" display="dynamic"
                controltovalidate="txtName"
                errormessage="ID must be 6-10 letters."
                validationexpression="[a-zA-Z]{6,10}" ForeColor="Red" />
              <asp:CustomValidator runat="server"
                controltovalidate="txtName"
                errormessage="ID is already in use." ForeColor="Red" />
            </td>
          </tr>
          <tr>
            <td>
              <asp:RequiredFieldValidator runat="server"
```

```

        controltovalidate="txtpword"
        errormessage="Password is required.">*
    </asp:RequiredFieldValidator>
</td>
<td>Password:</td>
<td>
    <input type="password" runat="server" id="txtpword"/>
    <asp:RegularExpressionValidator runat="server" display="dynamic"
        controltovalidate="txtPWord"
        errormessage="Password must contain one of @#$$%^&*/*."
        validationexpression=".*[@#$$%^&*/*].*" ForeColor="Red" />
    <asp:RegularExpressionValidator runat="server" display="dynamic"
        controltovalidate="txtPWord"
        errormessage="Password must be 4-12 nonblank characters."
        validationexpression="[^\s]{4,12}" ForeColor="Red" />
</td>
</tr>
<tr>
<td>
    <asp:RequiredFieldValidator runat="server"
        controltovalidate="txtrepword"
        errormessage="Re-enter password is required.">*
    </asp:RequiredFieldValidator>
</td>
<td>Re-enter Password:</td>
<td>
    <input type="password" runat="server" id="txtrepword"/>
    <asp:CompareValidator runat="server"
        controltovalidate="txtrepword"
        controltocompare="txtpword"
        errormessage="Passwords do not match." ForeColor="Red" />
</td>
</tr>
</table><br>
<input type="submit" runat="server" value="Submit"/>
</div>
</form>
</body>
</html>

```

#OUTPUT

Please enter a User ID and Password:

User ID:

Password:

Re-enter Password:

There were errors on the page:

- User ID is required.
- Password is required.
- Re-enter password is required.

Please enter a User ID and Password:

* User ID:

* Password:

* Re-enter Password:

There were errors on the page:

- User ID is required.
- Password is required.
- Re-enter password is required.

Please enter a User ID and Password:

User ID: ID must be 6-10 letters.

Password: Password must contain one of @\$%^&*./

Re-enter Password: Passwords do not match.