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Lab no 05

Internet Application Development

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Develop a page that dynamically adds two buttons (html type) and a text area on the interface.
Write an event handler for click event of button (ServerClick) and attach with the above buttons.
The click of both buttons should be managed by single dynamically attached event handler subroutine.

Default.aspx

```
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="Default.aspx.vb"
Inherits="lab05_Default" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
  <h1><b>Lab no :  </b> <h1>
        <hr />

    <h2><b>Problem Statment</b></h2>
        <hr />
        <p><b>Develop a page that dynamically adds two buttons (html type) and a text area
on the interface.
Write an event handler for click event of button (ServerClick) and attach with the above
buttons.
The click of both buttons should be managed by single dynamically attached event handler
subroutine.
 </b> </p>

        <hr />

        <h2><b> Lab Demo</b></h2>
        <p><b>click here : </b></p>
            <a href="dynamic button.aspx "> Dynamic Button </a>
        <hr />
        <h2><b>Lab Report : </b></h2>
        <div id="Div1" runat="server">

    <a href=" " download> Download Lab0</a>
        <hr />
        <h2> <b>Output</b></h2>
         <image><img src="lab1ss.PNG" alt="lab01" ></image>
        <br />


 </div>
</body>
</html>
```

Default.vb

```vbnet
Partial Class lab05_Default
    Inherits System.Web.UI.Page

End Class
```

ASPX CODE

```aspx
<%@ Page Language="VB" AutoEventWireup="false" CodeFile="dynamic button.aspx.vb"
Inherits="lab05_dynamic_button" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title>Dynamically Add Buttons and Text Area</title>
        <style type="text/css">
html     {
  margin: 0;
  padding: 0;
  box-sizing: border-box;
  font-family: 'Poppins', sans-serif;
}
body {
    margin-top: 60px;
  display: grid;
  height: 100%;
  width: 100%;
  text-align: center;
  background: #f2f2f2;

  align-content:center
  }

.wrapper{
  width: 50%;
  background: #fff;
  border-radius: 15px;

  box-shadow: 0px 15px 20px rgba(0,0,0,0.1);
  margin:auto;
        }
.wrapper #div2{
  font-size: 35px;
  font-weight: 600;
  text-align: center;
  line-height: 100px;
  color: #0C022C;
  user-select: none;
  border-radius: 15px 15px 0 0;
 background: linear-gradient(0.25turn, #3f87a6, #ebf8e1, #f69d3c);
}
.wrapper{
```

```
    padding: 10px 30px 50px 30px;
}

</style>

</head>
<body>
    <form id="form1" runat="server" class ="wrapper">
        <div id ="div2" runat="server">
            <h1><b>Dynamic Button</b></h1>
        </div>
        <div>

            <asp:PlaceHolder runat="server" ID="PlaceHolder1"></asp:PlaceHolder>

        </div>


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

VB.NET

```vbnet
Partial Class lab05_dynamic_button
    Inherits System.Web.UI.Page
    Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles
Me.Load
        ' Create the text area
        Dim textArea As New HtmlTextArea()
        textArea.ID = "TextArea1"
        textArea.Attributes("rows") = "4"
        textArea.Attributes("cols") = "90"


        ' Create the first button
        Dim button1 As New HtmlButton()
        button1.ID = "Button3"
        button1.InnerText = "Button 1"
        button1.Attributes("type") = "button"
        AddHandler button1.ServerClick, AddressOf Button_Click

        ' Create the second button
        Dim button2 As New HtmlButton()
        button2.ID = "Button2"
        button2.InnerText = "Button 2"
        button2.Attributes("type") = "button"
        AddHandler button2.ServerClick, AddressOf Button_Click

        ' Add the dynamic elements to the placeholder
        PlaceHolder1.Controls.Add(textArea)
        PlaceHolder1.Controls.Add(button1)
        PlaceHolder1.Controls.Add(button2)
    End Sub

    Private Sub Button_Click(ByVal sender As Object, ByVal e As EventArgs)
        ' Handle the click event for both buttons
```

```vbnet
        Dim button As HtmlButton = DirectCast(sender, HtmlButton)
        Dim textArea As HtmlTextArea = DirectCast(Me.FindControl("TextArea1"),
HtmlTextArea)

        If button.ID = "Button3" Then
            ' Handle click for Button1
            textArea.Value += "Button 1 clicked." + vbCrLf
        ElseIf button.ID = "Button2" Then
            ' Handle click for Button2
            textArea.Value += "Button 2 clicked." + vbCrLf
        End If
    End Sub


End Class
```

OUTPUT