

report2

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

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>Lab - ASP.NET Page Events</title>
```

```
  <style>
```

```
    body {
```

```
      font-family: Arial, sans-serif;
```

```
      background-color: #f4f4f4;
```

```
      padding: 30px;
```

```
    }
```

```
    .container {
```

```
      background: #fff;
```

```
      padding: 25px;
```

```
      border-radius: 8px;
```

```
      box-shadow: 0 0 10px rgba(0,0,0,0.1);
```

```
      max-width: 700px;
```

```
      margin: auto;
```

```
    }
```

```
    h2 {
```

```
      text-align: center;
```

```
        color: #333;
    }
    p {
        font-size: 16px;
    }
    .events {
        margin-top: 20px;
    }
    .events label {
        font-weight: bold;
    }
</style>
</head>
<body>
    <form id="form1" runat="server">
        <div class="container">
            <h2>Lab - ASP.NET Page Life Cycle</h2>
            <p><strong>Name:</strong> <asp:Label ID="lblName" runat="server"
/></p>
            <p><strong>Roll Number:</strong> <asp:Label ID="lblRoll"
runat="server" /></p>
            <p><strong>Current Date & Time:</strong> <asp:Label ID="lblDateTime"
runat="server" /></p>

            <div class="events">
```

```

        <label>Page Life Cycle Events:</label><br />
        <asp:ListBox ID="lstEvents" runat="server" Width="100%"
Height="200px"></asp:ListBox>
    </div>
</div>
</form>
</body>
</html>

```

CODE BEHIND

.vb

Partial Class _Default

Inherits System.Web.UI.Page

Private Sub LogEvent(eventName As String)

lstEvents.Items.Add(eventName)

End Sub

Protected Sub Page_PreInit(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.PreInit

LogEvent("Page_PreInit")

End Sub

Protected Sub Page_Init(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Init

LogEvent("Page_Init")

End Sub

```
Protected Sub Page_InitComplete(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.InitComplete
```

```
    LogEvent("Page_InitComplete")
```

```
End Sub
```

```
Protected Sub Page_PreLoad(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.PreLoad
```

```
    LogEvent("Page_PreLoad")
```

```
End Sub
```

```
Protected Sub Page_Load(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.Load
```

```
    lblName.Text = "Laiba Nawaz"
```

```
    lblRoll.Text = "CIS"
```

```
    lblDateTime.Text = DateTime.Now.ToString("F")
```

```
    LogEvent("Page_Load")
```

```
End Sub
```

```
Protected Sub Page_LoadComplete(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.LoadComplete
```

```
    LogEvent("Page_LoadComplete")
```

```
End Sub
```

```
Protected Sub Page_PreRender(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.PreRender
```

```
    LogEvent("Page_PreRender")
```

```
End Sub
```

```
Protected Sub Page_PreRenderComplete(ByVal sender As Object, ByVal e As System.EventArgs) Handles Me.PreRenderComplete
```

```
LogEvent("Page_PreRenderComplete")
```

```
End Sub
```

```
Protected Sub Page_Unload(ByVal sender As Object, ByVal e As System.EventArgs) Handles  
Me.Unload
```

```
End Sub
```

```
End Class
```

Objective:

To understand and demonstrate the different **events raised during the ASP.NET Page Life Cycle** after the page object is created.

In this lab, a web page was developed using ASP.NET that displays the sequence of page life cycle events in a ListBox. These events include:

- Page_PreInit
- Page_Init
- Page_InitComplete
- Page_PreLoad
- Page_Load
- Page_LoadComplete
- Page_PreRender
- Page_PreRenderComplete

Each event was handled in the code-behind to dynamically add its name to the list, showing the order of execution when the page loads.
