Develop a web application using Visual Studio 2019 that demonstrates AutoPostback with a dropdown list to select and display items.

**Step 1: Create a New ASP.NET Web Application**

1. Open Visual Studio 2019.
2. Click on **Create a new project**.
3. Select **ASP.NET Web Application (.NET Framework)**, then click **Next**.
4. Name your project (e.g., AutoPostbackExample), choose a location to save it, and click **Create**.
5. In the next dialog, select **Web Forms** and make sure **.NET Framework** is chosen (e.g., 4.7.2), then click **Create**.

**Step 2: Design the Web Form (Default.aspx)**

1. In the Solution Explorer, right-click on your project, add a new Web Form, and name it Default.aspx.
2. Open Default.aspx and replace its contents with the following code:

aspx

<%@ Page Language="C#" AutoEventWireup="true" CodeFile="Default.aspx.cs" Inherits="Default" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">

<head runat="server">

<title>AutoPostback Example</title>

</head>

<body>

<form id="form1" runat="server">

<div>

<asp:Label ID="Label1" runat="server" Text="Select an item:"></asp:Label>

<asp:DropDownList ID="DropDownList1" runat="server" AutoPostBack="true" OnSelectedIndexChanged="DropDownList1\_SelectedIndexChanged">

<asp:ListItem Text="Item 1" Value="1"></asp:ListItem>

<asp:ListItem Text="Item 2" Value="2"></asp:ListItem>

<asp:ListItem Text="Item 3" Value="3"></asp:ListItem>

</asp:DropDownList>

<br /><br />

<asp:Label ID="Label2" runat="server" Text=""></asp:Label>

</div>

</form>

</body>

</html>

**Step 3: Add the Code-Behind (Default.aspx.cs)**

1. Open the Default.aspx.cs file and add the following code:

csharp

using System;

using System.Web.UI;

public partial class Default : Page

{

protected void Page\_Load(object sender, EventArgs e)

{

if (!IsPostBack)

{

// Initialize any data or settings on first load

}

}

protected void DropDownList1\_SelectedIndexChanged(object sender, EventArgs e)

{

// Handle the selected index change event

string selectedItem = DropDownList1.SelectedItem.Text;

Label2.Text = "You selected: " + selectedItem;

}

}

**Step 4: Run the Application**

1. Press **Ctrl+F5** to run the application.
2. When the web page loads, you should see a dropdown list with three items. Selecting any item will automatically post back the page and display the selected item below the dropdown list.

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OUTPUT

Select an item:         
  
You selected: Item 2