# Pract1.aspx.cs

using System;

using System.Collections.Generic;

using System.Linq; using System.Text; using System.Web; using System.Web.UI; using System.Web.UI.WebControls;

namespace WebApplication4

{

public partial class Pract1 : System.Web.UI.Page

{

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

protected void Button1\_Click(object sender, EventArgs e)

{

Response.Write("My name is " + txtname.Text + "</br>");

Response.Write("My Contact no. is " + txtcontact.Text + "</br>"); Response.Write("My Location is " + lstlocation.SelectedItem.Text + "</br>");

if (maleradiobutton.Checked == true)

{

Response.Write("My Gender is " + maleradiobutton.Text + "</br>");

}

if (femaleradiobutton.Checked == true)

{

Response.Write("My Gender is " + femaleradiobutton.Text + "</br>");

}

StringBuilder sbUserchoices = new System.Text.StringBuilder();

if (chkgraduate.Checked == true)

{

sbUserchoices.Append(chkgraduate.Text);

}

if (chkhsc.Checked == true)

{

sbUserchoices.Append(chkhsc.Text);

}

if (chkssc.Checked == true)

{

sbUserchoices.Append(chkssc.Text);

}

Response.Write("My Education details are " + sbUserchoices.ToString() +

"</br>");

}

}

}

# Pract1.aspx (source code)

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="Pract1.aspx.cs"

Inherits="WebApplication4.Pract1" %>

<!DOCTYPE html>

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

<head runat="server">

<title>Practical1</title>

</head>

<body>

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

<div>

<!-- <%Response.Write("Hello"); %> -->

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<asp:Label ID="Label1" runat="server" Text="Enter Your Details:"></asp:Label>

</div>

<p>

<asp:Label ID="lblname" runat="server" Text="Enter Name:"></asp:Label>

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<asp:TextBox ID="txtname" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator1" runat="server"

ControlToValidate="txtname" ErrorMessage="\*Required"

ForeColor="#CC3300"></asp:RequiredFieldValidator>

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<p>

<asp:Label ID="lblcontact" runat="server" Text="Enter Contact

no.:"></asp:Label>

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<asp:TextBox ID="txtcontact" runat="server"></asp:TextBox>

<asp:RequiredFieldValidator ID="RequiredFieldValidator2" runat="server"

ControlToValidate="txtcontact" ErrorMessage="\*Required"

ForeColor="Red"></asp:RequiredFieldValidator>

</p>

<p>

<asp:Label ID="lbllocation" runat="server" Text="Enter

Location:"></asp:Label>

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<asp:ListBox ID="lstlocation" runat="server" Width="122px">

<asp:ListItem>Thane</asp:ListItem>

<asp:ListItem>Mumbai</asp:ListItem>

<asp:ListItem>Dombivali</asp:ListItem>

<asp:ListItem>Kalyan</asp:ListItem>

<asp:ListItem>Andheri</asp:ListItem>

<asp:ListItem>Badlapur</asp:ListItem>

<asp:ListItem>Karjat</asp:ListItem>

<asp:ListItem>Dadar</asp:ListItem>

</asp:ListBox>

</p>

<p>

<asp:Label ID="lblgender" runat="server" Text="Select Gender:"></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:RadioButton ID="maleradiobutton" runat="server" Text="Male" />

<asp:RadioButton ID="femaleradiobutton" runat="server" Text="Female" />

</p>

<p>

<asp:Label ID="lbleducation" runat="server" Text="Education

Details"></asp:Label>

&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;

<asp:CheckBox ID="chkssc" runat="server" Text="SSC" />

&nbsp;

&nbsp;<asp:CheckBox ID="chkhsc" runat="server" Text="HSC" />

&nbsp;&nbsp;

<asp:CheckBox ID="chkgraduate" runat="server" Text="Graduate" />

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&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp;&nbsp

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<asp:Button ID="Button1" runat="server" Text="Submit" OnClick="Button1\_Click"

/>

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&nbsp;</p>

</form>

</body>

</html>

## Q2. Write a simple Console applications and testing applications using System;

class SimpleApplication

{ static void Main()

{

// Creating a simple application

Console.WriteLine("Welcome to the Simple Application!"); Console.Write("Please enter your name: "); string name = Console.ReadLine();

Console.WriteLine("Hello, " + name + "! This is a simple application.");

// Testing the application

Console.WriteLine("\nTesting the Simple Application..."); Console.WriteLine("Enter 'quit' to exit the testing loop."); while (true)

{

Console.Write("Enter a number to square (or 'quit' to exit): "); string input = Console.ReadLine();

if (input.ToLower() == "quit")

break;

if (int.TryParse(input, out int number))

{

int result = number \* number;

Console.WriteLine("The square of " + number + " is " + result + ".");

}

else

{

Console.WriteLine("Invalid input. Please enter a valid number or 'quit'.");

}

}

Console.WriteLine("\nTesting complete. Press any key to exit.");

Console.ReadKey();

}

}