**Assignment No.5**

**Roll No:-**

**Q. Write an ASP.NET Program Using while or for loop to print sum of first 100 odd and even numbers.**

**Design Code:-**

<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="oddeven.aspx.cs" Inherits="Assignment\_5.oddeven" %>

<!DOCTYPE html>

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

<head runat="server">

<title></title>

<style type="text/css">

.auto-style1 {

width: 100%;

}

.auto-style2 {

text-align: center;

}

.auto-style3 {

text-align: center;

}

.auto-style4 {

text-align: right;

height: 1px;

}

.auto-style5 {

height: 1px;

}

.auto-style6 {

text-align: right;

height: 26px;

}

.auto-style7 {

height: 26px;

}

</style>

</head>

<body>

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

<div>

<table class="auto-style1">

<tr>

<td class="auto-style2" colspan="2">

<asp:Label ID="Label3" runat="server" Font-Bold="True" Font-Size="Large" Text="Sum of Even or Odd Numbers"></asp:Label>

</td>

</tr>

<tr>

<td class="auto-style6">

<asp:Label ID="Label1" runat="server" Font-Bold="True" Text="Enter Range From:"></asp:Label>

</td>

<td class="auto-style7">

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

</td>

</tr>

<tr>

<td class="auto-style4">

<asp:Label ID="Label2" runat="server" Font-Bold="True" Text="Enter Range To:"></asp:Label>

</td>

<td class="auto-style5">

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

</td>

</tr>

<tr>

<td class="auto-style3">

<asp:Button ID="BtnEven" runat="server" Font-Bold="True" OnClick="BtnEven\_Click" Text="Sum of Even" />

</td>

<td class="auto-style3">

<asp:Button ID="BtnOdd" runat="server" Font-Bold="True" OnClick="BtnOdd\_Click" Text="Sum of Even" />

</td>

</tr>

<tr>

<td colspan="2" style="text-align: center">

<asp:Label ID="lblmessage" runat="server" Text="Label" Visible="False"></asp:Label>

</td>

</tr>

</table>

</div>

</form>

</body>

</html>

**Code:-**

using System;

using System.Collections.Generic;

using System.Linq;

using System.Web;

using System.Web.UI;

using System.Web.UI.WebControls;

namespace Assignment\_5

{

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

{

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

{

}

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

{

int i = Convert.ToInt32(TxtFrom.Text);

int to = Convert.ToInt32(TxtTo.Text);

int sum = 0;

for (int j = i; j <= to; j++)

{

if (j % 2 == 0)

{

sum += j;

}

}

lblmessage.Visible = true;

lblmessage.Text = "The Sum of even numbers is :" + sum;

}

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

{

int i = Convert.ToInt32(TxtFrom.Text);

int to = Convert.ToInt32(TxtTo.Text);

int sum = 0;

for (int j = i; j <= to; j++)

{

if (j % 2 != 0)

{

sum += j;

}

}

lblmessage.Visible = true;

lblmessage.Text = "The Sum of Odd numbers is :" + sum;

}

}

}

**\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*OUTPUT\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\***

  