

Create an ASP.Net with c# application which displays 5-10 quiz questions, each with four possible options and exactly one correct option; the application then counts and presents the user with the number of correct answers, and shows the result to SPPU M.Sc. Computer Science Syllabus 2023-24 of 5 user's.

```
<%@ Page Language="C#" AutoEventWireup="true" CodeBehind="WebForm1.aspx.cs"
Inherits="web.WebForm1" %>

<!DOCTYPE html>

<html xmlns="http://www.w3.org/1999/xhtml">
<head runat="server">
    <title></title>
</head>
<body>
    <form id="form1" runat="server">
        <div>
            <h1>Quiz Questions</h1>
            <asp:Label ID="lblQuestion1" runat="server" Text="1. What is 1 +
1?"></asp:Label><br />
            <asp:RadioButtonList ID="rblOptions1" runat="server">
                <asp:ListItem Text="1" Value="1"></asp:ListItem>
                <asp:ListItem Text="2" Value="2"></asp:ListItem>
                <asp:ListItem Text="3" Value="3"></asp:ListItem>
                <asp:ListItem Text="4" Value="4"></asp:ListItem>
            </asp:RadioButtonList><br />

            <asp:Label ID="lblQuestion2" runat="server" Text="2. What is the capital of
France?"></asp:Label><br />
            <asp:RadioButtonList ID="rblOptions2" runat="server">
                <asp:ListItem Text="London" Value="London"></asp:ListItem>
                <asp:ListItem Text="Berlin" Value="Berlin"></asp:ListItem>
                <asp:ListItem Text="Paris" Value="Paris"></asp:ListItem>
                <asp:ListItem Text="Madrid" Value="Madrid"></asp:ListItem>
            </asp:RadioButtonList>
            <br />
            <asp:Label ID="lblQuestion3" runat="server" Text="3. What is the not type of
.net language?"></asp:Label>
            <asp:RadioButtonList ID="rblOptions3" runat="server">
                <asp:ListItem>Asp.net</asp:ListItem>
                <asp:ListItem>C#.net</asp:ListItem>
                <asp:ListItem>Java</asp:ListItem>
                <asp:ListItem>F#</asp:ListItem>
            </asp:RadioButtonList>
            <br />
            <asp:Label ID="lblQuestion4" runat="server" Text="4. Which is not social
media platform?"></asp:Label>
            <asp:RadioButtonList ID="rblOptions4" runat="server">
                <asp:ListItem>goindia</asp:ListItem>
                <asp:ListItem>fb</asp:ListItem>
                <asp:ListItem>insta</asp:ListItem>
                <asp:ListItem>youtube</asp:ListItem>
            </asp:RadioButtonList>
            <br />
            <asp:Label ID="lblQuestion5" runat="server" Text="5. Who is inventor of C
language?"></asp:Label>
            <asp:RadioButtonList ID="rblOptions5" runat="server">
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        <asp:ListItem>John</asp:ListItem>
        <asp:ListItem>Dennis Ritchie</asp:ListItem>
        <asp:ListItem>Bjaourne</asp:ListItem>
        <asp:ListItem>Alon musk</asp:ListItem>
    </asp:RadioButtonList>
    <br />

    <!-- Add more questions and options as needed -->

    <asp:Button ID="btnSubmit" runat="server" Text="Submit"
OnClick="btnSubmit_Click1" /><br /><br />
    <asp:Label ID="lblResult" runat="server" Text=""></asp:Label>

</div>
</form>
</body>
</html>

```

Quiz Questions

- What is 1 + 1?
 - ☐ 1
 - ☐ 2
 - ☐ 3
 - ☐ 4
- What is the capital of France?
 - ☐ London
 - ☐ Berlin
 - ☐ Paris
 - ☐ Madrid
- What is the not type of .net language?
 - ☐ Asp.net
 - ☐ C#.net
 - ☐ Java
 - ☐ F#
- Which is not social media platform?
 - ☐ goindia
 - ☐ fb
 - ☐ insta
 - ☐ youtube
- Who is inventor of C language?
 - ☐ John
 - ☐ Dennis Ritchie
 - ☐ Bjaourne
 - ☐ Alon musk

Submit

```

using System;
using System.Collections.Generic;
using System.Linq;

```

```

using System.Web;
using System.Web.UI;
using System.Web.UI.WebControls;

namespace web
{
    public partial class WebForm1 : System.Web.UI.Page
    {
        protected void Page_Load(object sender, EventArgs e)
        {
            if (!IsPostBack)
            {
                // Initialize quiz questions and correct answers
                List<string> questions = new List<string>
                {
                    "1. What is 1 + 1?",
                    "2. What is the capital of France?",
                    "3. What is the not type of .net language?",
                    "4. Which is not social media platform?",
                    "5. Who is inventor of C language?"
                };
                // Add more questions here

                List<string[]> options = new List<string[]>
                {
                    new string[] { "1", "2", "3", "4" },
                    new string[] { "London", "Berlin", "Paris", "Madrid" },
                    new string[] { "Asp.net", "C#.net", "Java", "F#" },
                    new string[] { "goindia", "fb", "insta", "youtube" },
                    new string[] { "John", "Dennis Ritchie", "Bjaourne", "Alon musk" },
                };
                // Add more options for each question here

                ViewState["Questions"] = questions;
                ViewState["Options"] = options;
                ViewState["CorrectAnswers"] = new List<string> { "2",
                    "Paris", "Java", "goindia", "Dennis Ritchie" }; // Add correct answers here

                DisplayNextQuestion();
            }
        }

        protected void btnSubmit_Click1(object sender, EventArgs e)
        {
            List<string> correctAnswers = (List<string>)ViewState["CorrectAnswers"];
            List<string[]> options = (List<string[]>)ViewState["Options"];
            int score = 0;

            for (int i = 0; i < correctAnswers.Count; i++)
            {
                RadioButtonList rblOptions = (RadioButtonList)FindControl("rblOptions" +
                    (i + 1));
                if (rblOptions != null && rblOptions.SelectedValue == correctAnswers[i])
                {
                    score++;
                }
            }
        }
    }
}

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    }

    lblResult.Text = "Your score is: " + score + " out of " +
correctAnswers.Count;
}

private void DisplayNextQuestion()
{
    List<string> questions = (List<string>)ViewState["Questions"];
    List<string[]> options = (List<string[]>)ViewState["Options"];

    if (questions.Count > 0)
    {
        lblResult.Text = "";

        lblQuestion1.Text = questions[0];
        rblOptions1.Items.Clear();
        foreach (string option in options[0])
        {
            rblOptions1.Items.Add(new ListItem(option));
        }

        questions.RemoveAt(0);
        options.RemoveAt(0);

        ViewState["Questions"] = questions;
        ViewState["Options"] = options;
    }
    else
    {
        lblQuestion1.Text = "";
        rblOptions1.Items.Clear();
        btnSubmit.Enabled = false;
        lblResult.Text = "Quiz completed!";
    }
}
}
}
}

```

Quiz Questions

1. What is $1 + 1$?

- ☐ 1
- ☒ 2
- ☐ 3
- ☐ 4

2. What is the capital of France?

- ☐ London
- ☐ Berlin
- ☒ Paris
- ☐ Madrid

3. What is the not type of .net language?

- ☐ Asp.net
- ☒ C#.net
- ☐ Java
- ☐ F#

4. Which is not social media platform?

- ☐ goindia
- ☐ fb
- ☒ insta
- ☐ youtube

5. Who is inventor of C language?

- ☐ John
- ☒ Dennis Ritchie
- ☐ Bjaourne
- ☐ Alon musk

Submit

Your score is: 3 out of 5