Task 1: Creating Your First ASP.NET Web Application

Objective:

- Create a web application using ASP.NET WebForms.
- Design the page with two textboxes (for first and last names), a button to display the full name, and a button to clear output.
- Display output using a label.

Instructions:

1. Create a new ASP.NET Web Forms project.
2. Design “FullName.aspx” with two textboxes, a "Show Name" button, a "Clear" button, and a label.
3. Implement code to concatenate first and last names and display the full name on button click.
4. Implement code to clear textboxes and label on "Clear" button click.

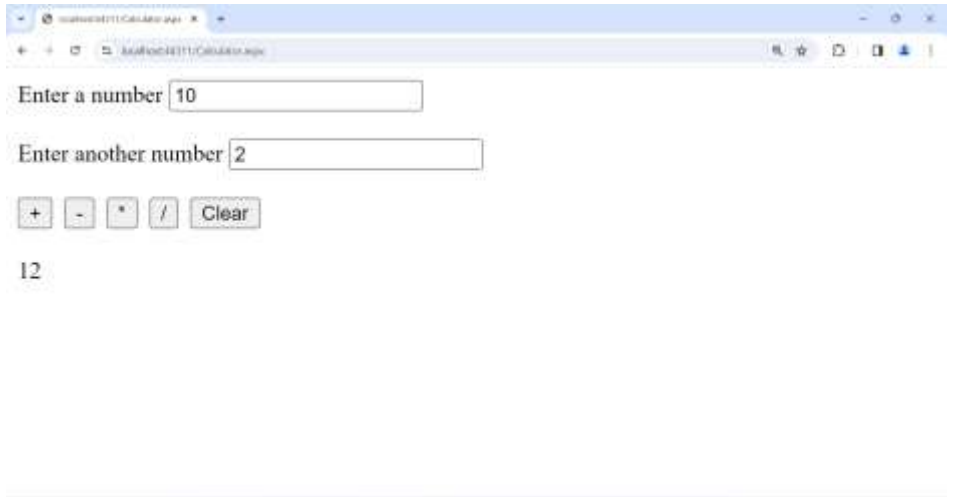
Task 2: Building a Calculator

Objective:

- Create a calculator application using ASP.NET WebForms.
- Take two numbers and perform arithmetic operations.
- Display the result and include a clear button.

Instructions:

1. Design Calculator.aspx with textboxes for numbers, operations buttons (+, -, *, /), and a result label.
2. Implement event handlers for addition, subtraction, multiplication, and division.
3. Display the result on the label.
4. Include a button to clear the result field.



Task 3: Learning MasterPage, DropDownList, RadioButtonList, CheckBox, and QueryStrings

Objective:

- Learn about master pages, dropdown lists, radio button lists, check box, and query strings.
- Use master pages as containers and query strings to pass data between webforms.

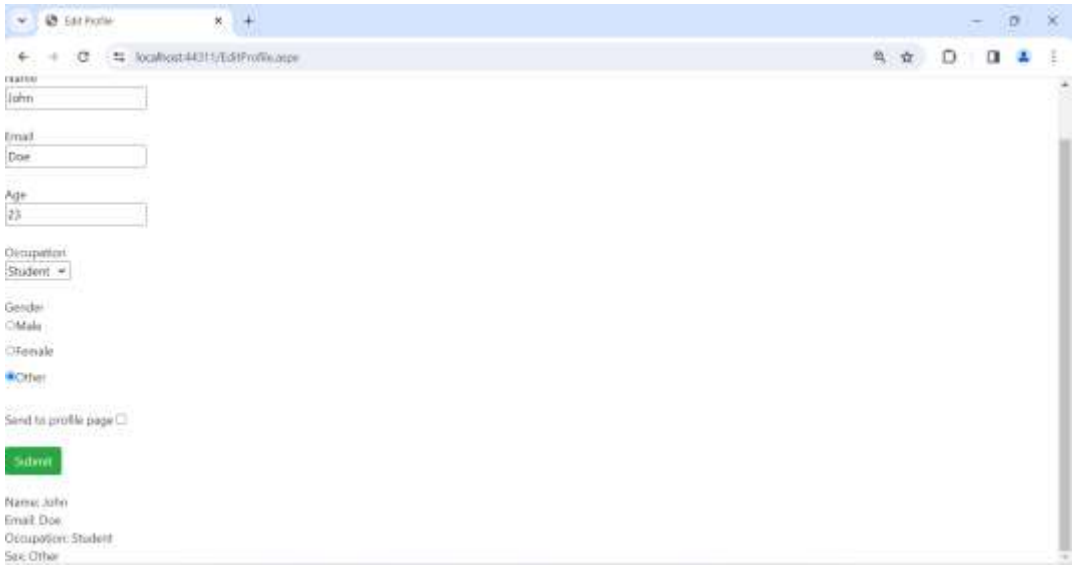
Instructions:

1. Create a master page named "Site.master" with header, footer, and content placeholders.
2. Design "EditProfile.aspx" and "Profile.aspx" using the master page.
3. Add a dropdown list for occupation selection and a radio button list for gender in "EditProfile.aspx".
4. Design a "”Profile” class with the properties – “Name”, “Age”, “Occupation”, “Gender”; and methods – constructor, “GetProfileInfo()”.
5. Create an instance of “Profile” class in “EditProfile.aspx.cs” and if “Send to profile page” Checkbox is clicked, send the profile information from “EditProfile.aspx” to “Profile.aspx” using query strings.
6. Display user profile information in "Profile.aspx".
7. Test the functionality by navigating between pages and verifying data transfer.

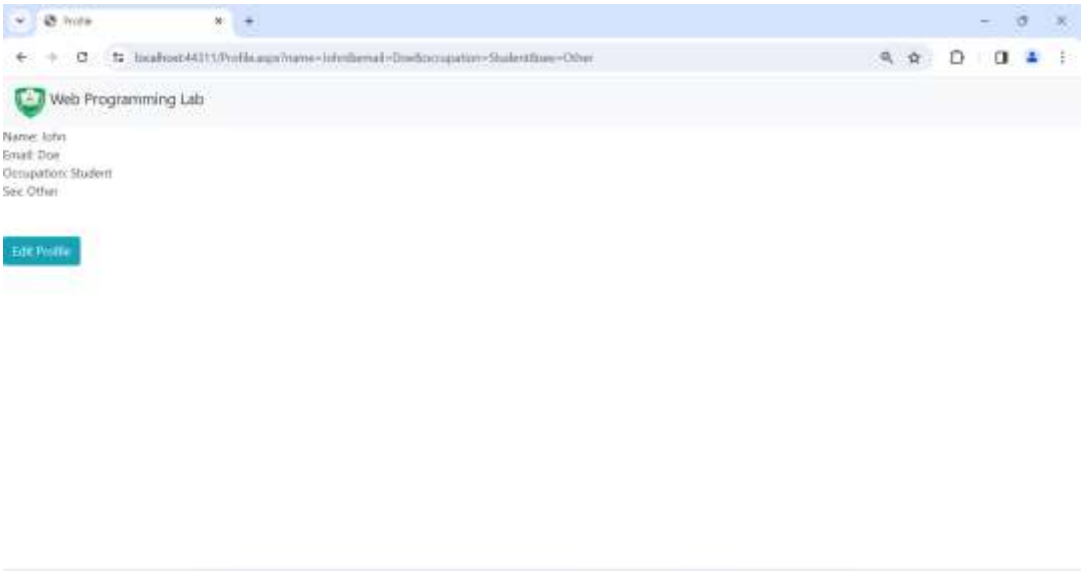
“Profile.aspx” in the beginning:

“EditPrfile.aspx”:

When “Send to profile page” is not checked:



When "Send to profile page" is checked, redirect to "Profile.aspx" and send data using query strings:



In Lab 5, you will learn about create, read, update, and delete (CRUD) database operations in ASP.NET WebForms using Microsoft SSMS. Alongside, you will also learn about GridView, PostBack, Session, and Cookies. You will find the codes of Lab 5 in this link: https://github.com/FarhanSadaf/CSE3100-Web-Programming-Lab/tree/main/lab-5/WebForms-MSSQL-CRUD-Functionality .

Completing these tasks will provide practical experience in ASP.NET WebForms and enhance understanding of key web programming concepts. Good luck!