WEB TECHNOLOGIES PROJECT

DOCUMENTAION

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INTRODUCTION

In this Project/Tutorial we are going to create a simple calculator. The calculator is a very useful tool. Nowadays time is money, and the calculator will help you do any mathematical movements faster. For this Project we will ***use Visual Studio 2022*** and ***C#*** language creating a Web Application via ***Windows Form App***. This tutorial will help you to start your journey in Web Technologies and C# language so you will understand the basics.

Requirements:

Access to Visual Studio

Basic knowledge of C#

Creation/Process

1. Design

Open a Visual Studio and choose Windows Froms App C#

A screenshot of a computer

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After creating a project Visual Studio will automatically generate Windows Form which you will be able to Play with

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On top left you will find ***Toolbox*** we will use it to create ***buttons*** ***Textboxes*** and etc..

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On the right downside you will find ***Properties*** which we will use to design our Application

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Ser a size of your Application to 405,620

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We will now need ***Buttons*** and ***a Textbox*** to complete our Design.

You can drag it from ***Toolbox.***

After creating the design, you should change the name of buttons to calculator form.

We will need buttons of ***Division, Subtraction, Multiplication, Addition, Delete and Equal***

You can also change the background color to your preferences.

To change the name of buttons and design you should use ***properties***!

Below you can where to change the name of a button.

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Color change you can choose from Windows, Custom, System

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The final design

A screenshot of a calculator

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1. Code Implementation

To make the buttons work and be visible in our Textbox(result.disp) we should implement following code

By clicking at button in design mode you can access the code

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Then we do the same for other buttons but except ***Buttonn7***

We can assign new names for other buttons or we can use names assigned by program itself.

Note: ***REMEMBER TO ADJUST CODE AFTER MAKING CHANGES IN NAMES IN BUTTONS!***

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A screen shot of a computer program

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Implementation for ***Division, Subtraction, Multiplication, Addition, Delete and Equal***

First we will create

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Then code for it

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1. Code for all system to work and ***Delete button***

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Additional note: Float numbers are not available in this program.

Conclusion

This Project will help you to understand the basics of Web Technologies. I hope this tutorial will help you to Start your career in Web Technologies and make our world better!

Good Luck!