



Network Programming

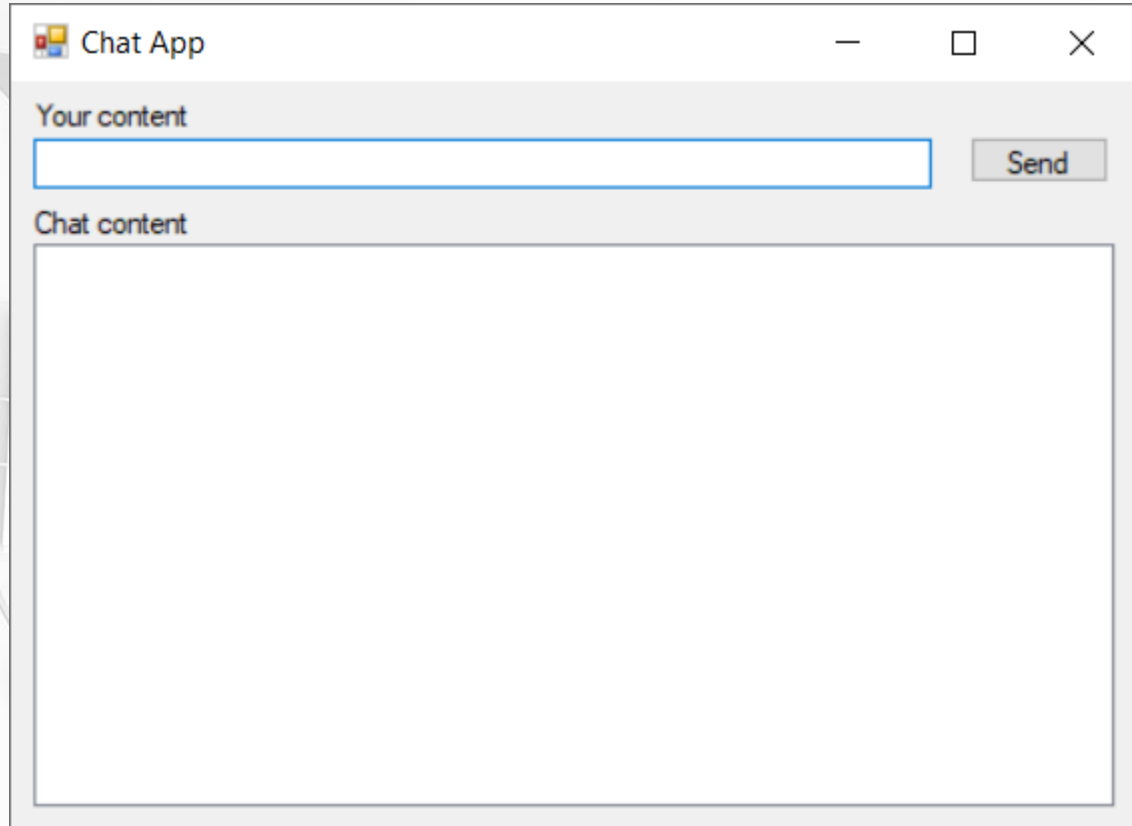
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Lab 1

Assignment 1

- Design the application interface as shown in the image.
- When clicking on the **Send** button, the app will get text from the **Your content** textbox and append it to the **Chat content** Listbox



Assignment 1

Create a simple C# Windows Forms application.

Create a project

- Open Visual Studio.
- On the start window, select **Create a new project**.
- In Create a new project, select the **Windows Forms App (.NET Framework)** template for C#.
- In the Configure your new project window, in **Project name**, enter *Calculator*, and select **Create**.

Assignment 1

Create the application

- Add a button to the form.
 - Select **Toolbox** to open the **Toolbox** flyout window. (Select View > Toolbox).
 - Select the **Button** control and then drag it onto the form.
 - In the **Properties** window, locate **Text** and change the content. (View > Properties Window or F4)
 - In the **Design** section of the **Properties** window, change the **name** of buttons (btnClickThis), and then select **Enter**.

Assignment 1

Create the application

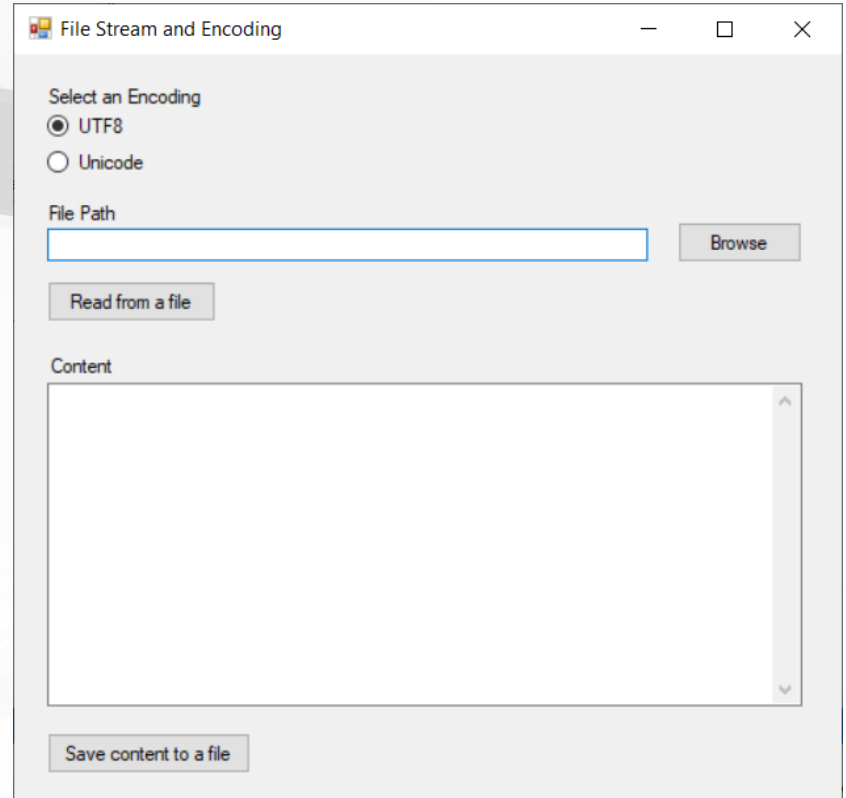
- Add other components (label, listbox).
- Add code to the button.

Run the application

Select the **Start** button to run the application.

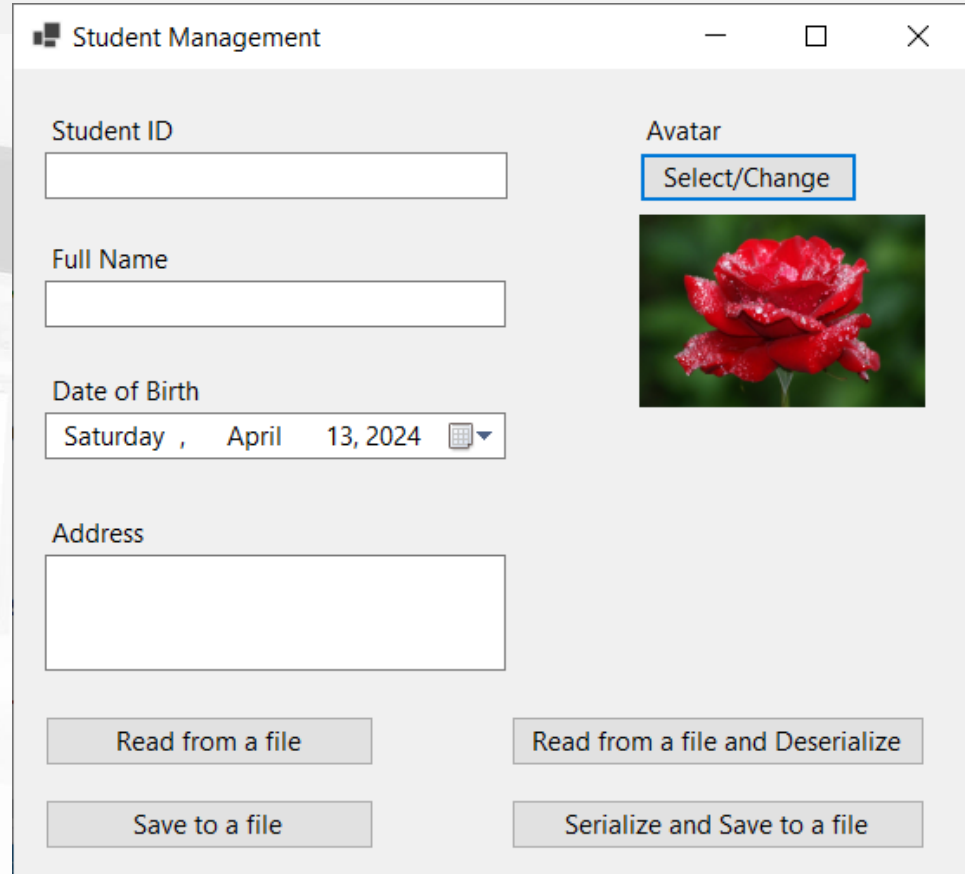
Assignment 2

Design the application interface as shown in the image.



Assignment 3

Design the application interface as shown in the image.



Student Management

Student ID

Full Name

Date of Birth

Avatar

Select/Change

Address

Read from a file

Read from a file and Deserialize

Save to a file

Serialize and Save to a file

Assignment 4

- Design the application interface as shown in the image.
- Complete features.

