SOLVE THE FOLLOWING

Q1

1. Create two new Components (manually or with CLI): WarningAlert and SuccessAlert
2. Output them beneath each other in the AppComponent
3. Output a warning or success message in the Components
4. Style the Components appropriately (maybe some red/ green text?)

Use external or internal templates and styles!

Q2

1. Add a Input field which updates a property ('username') via Two-Way-Binding
2. Output the username property via String Interpolation (in a paragraph below the input)
3. Add a button which may only be clicked if the username is NOT an empty string
4. Upon clicking the button, the username should be reset to an empty string

Q3

Design a simple Calculator like application

1. **Create component and perform simple operations**
2. **Use appropriate designs for the UI**
3. **Use data binding and event handling to mimic the operations of the calculator app on the Windows OS**