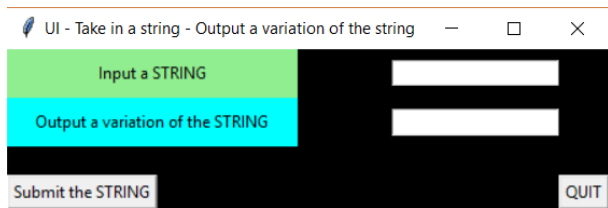


**Modifying existing code with some new code of your own.****Do and Doh ....**

The following instructions are processes you really should do.

DO ...

- **Test your own code.**  
*(You will most likely have written and tested this code during the lesson on Strings.)*
- **Run the existing Tkinter code to verify it is functioning correctly, before modifying it!**  
*(If you don't do this until the end of the whole task, it will be more difficult to debug. Doh!)*
- **Comment your own code.**  
*(It helps other people to read it and helps you to remember what you were doing.)*
- **Test the modified program to verify it is functioning correctly.**  
*(What happens if someone enters no string or a string of 20 characters?)*

**An extension of the challenge**

Change the appearance of the UI.

By examining the code, you should see where colours and widths and placement on the grid can be changed.

Change your own code to output a string in a different arrangement or convert to lower case, uppercase.

Or perhaps encode it using Unicode or ascii? (Try typing `ord("a")` into your IDLE or `chr(97)`).