Use of unfamiliar libraries and/or constructs:

In the process of doing my development of my graded unit I learned about a python library called openpyxl which allowed me to create and load up excel and to also once they are opened up to read and write to those excel files using just my python code and to learn about this library I used websites such as this <https://openpyxl.readthedocs.io/en/stable/> and <https://pypi.org/project/openpyxl/>.

Error Handling:

Through the whole of my program, I have error handling such as screen that will come up that will tell you where you inputted the wrong value or if you left a important field empty like this:

Graphical user interface, application, Word

Description automatically generated

And also I have where if you don’t use number it will change a text box to let the user know it is text only:

Graphical user interface, application

Description automatically generated

Also the user when signing up will be told that they cant use the username and password the have chosen if another already has it:

Graphical user interface, text, application, chat or text message

Description automatically generated

If the user uses the wrong format for the date they will also get a error message for that they will also get that message if they try to use characters:

Graphical user interface, text, application

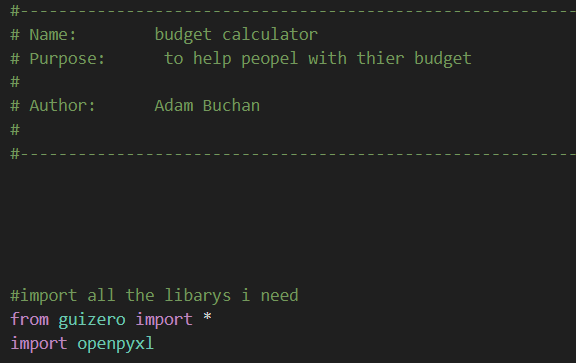
Description automatically generated

Internal documentation:

For my internal documentation I have for my comments for every instance of a function to go over what they do and I also have code to go with anything thing I initialised outside of the functions or imported and at the start of my coding file I have a comment that tells you the authors name and also the projects name and start date.







Text

Description automatically generated

I have also made a file called README.docx that will go over how make sure your machine can run my program and tell you how the program works and if needed also show you how to download the library’s you need.

I think in my code I have used appropriate naming conventions such as with my textbox which I have names tb1 to tb14 and I have done the same with other gui objects such as list boxes and pushbuttons and text and also with the name of my excel file were the workbook is called the wb and the worksheet is called ws and adding numbers onto it when I need other workbooks and worksheets.

Text

Description automatically generated

Text

Description automatically generated



In my code I have also made appropriate use of indentation by having all function have at least 3 lines apart and having all if, for`s and whiles loops have at least a line apart from all other parts of code.

Text

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Text

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