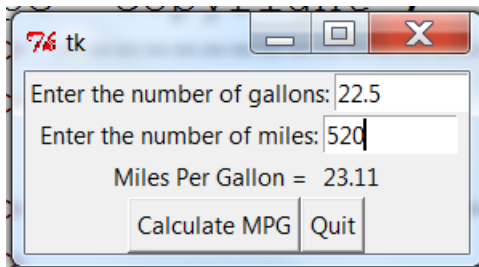


## CS21 Assignment #11

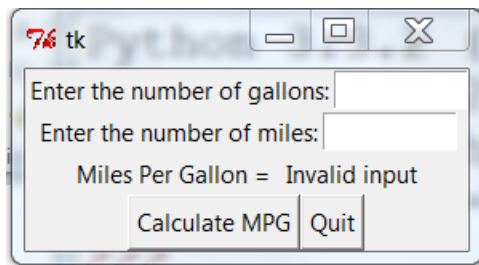
Please use the given name for your scripts!

1. (mpg.py) Complete Programming Exercise #3 on page 562. The layout should match the layout in the sample output provided. Format the output to 2 digits after the decimal point. If the data from the user is invalid (or missing), change the label to contain a message "Invalid input" (see sample runs).

A sample run with valid input:

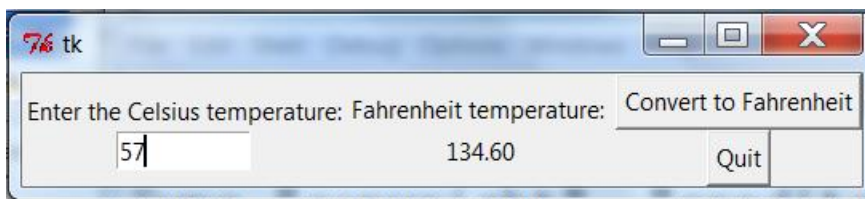


A sample run with invalid input (convert button was pushed with no input provided)

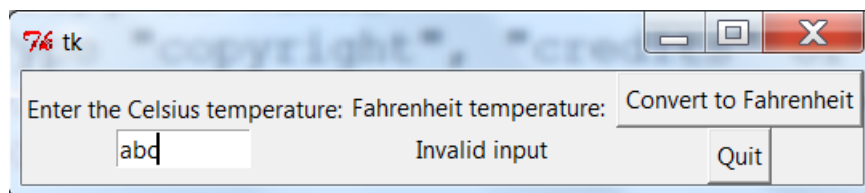


2. (temps.py) Complete Programming Exercise #4 on page 562. The layout should match the layout in the sample output provided. Format the output to 2 digits after the decimal point. If the data from the user is invalid (or missing), change the label to contain a message "Invalid input" (see sample runs).

A sample run with valid input:



A sample run with invalid input (convert button was pushed with no input provided)



**Reminders (not following will result in point deductions):**

**\*\*It is expected that you will use exception handling and error handling to ensure your programs are robust and will not crash.\*\***

If a function's task doesn't include output to the user, do not do it!

Use constants! No magic numbers! No global variables!

Comment first, then code!

Be sure to include comments at the top of the program that include your name, class and a short description of the program.

Each function should begin with a comment describing the task the function will perform.

Be sure all output is formatted. Unless otherwise, specified, displays non-integer values with 2 digits after the decimal point.

*Any work you submit for this assignment should be authored entirely by yourself. Assistance is permitted from the instructor or teaching assistants only. All submitted programming assignments are subject to originality verification through software designed and used for the Measure Of Software Similarity (MOSS).*