Purpose: Graphical User Interface (GUI)

Learning outcomes: 1, 2 and 3

Time: submit before 5pm Friday of Week 11

Resources: MyLO: lecture notes and tutorial materials

Description:

The Galactic Bank has an unfortunate dilemma - citizens are becoming too engaged and agitated. Fidget Spinners and Anti-stress fidget cubes are now a passing fad and not occupying citizens' time for long enough. The bank asks you to design a time-waster GUI application they can then use to occupy the populace while they come up with another diabolical plan.
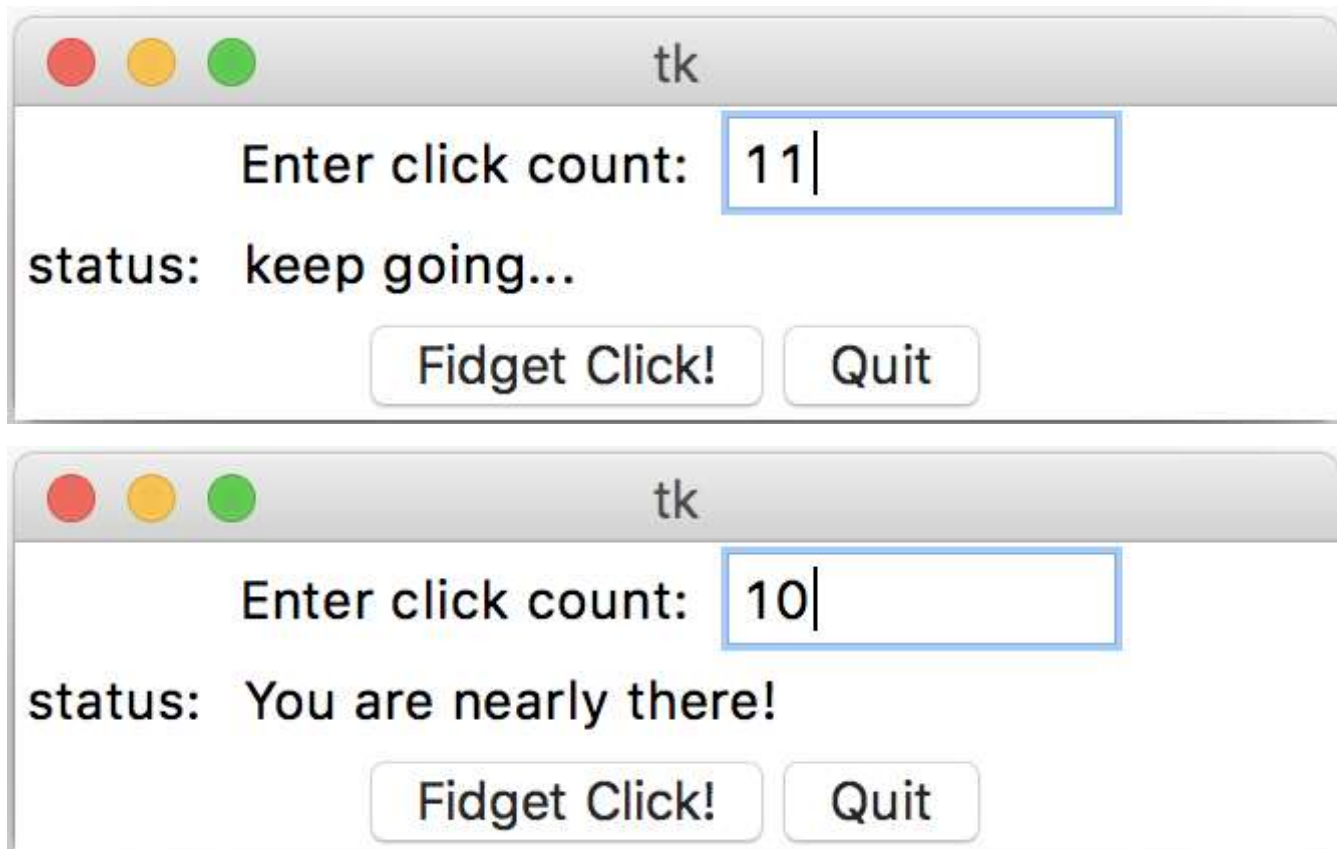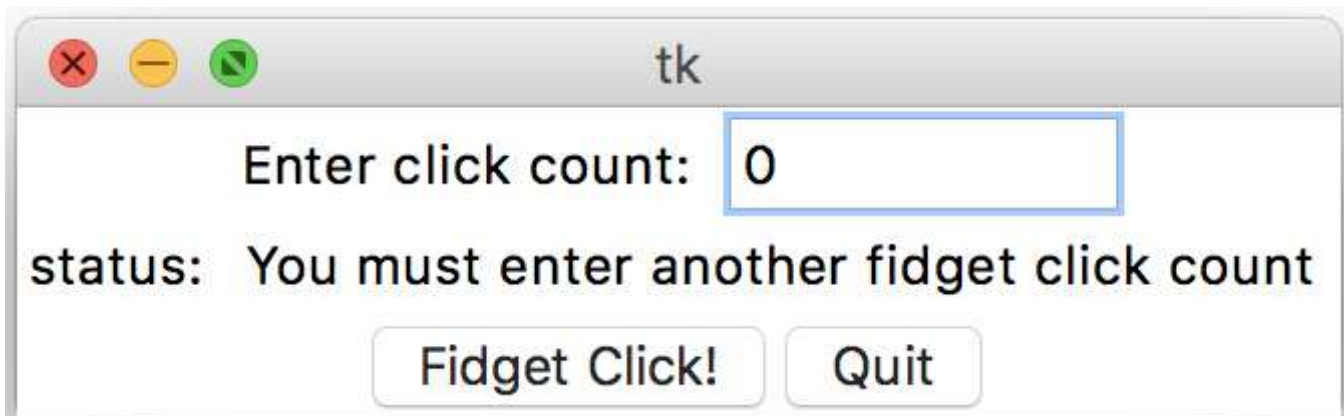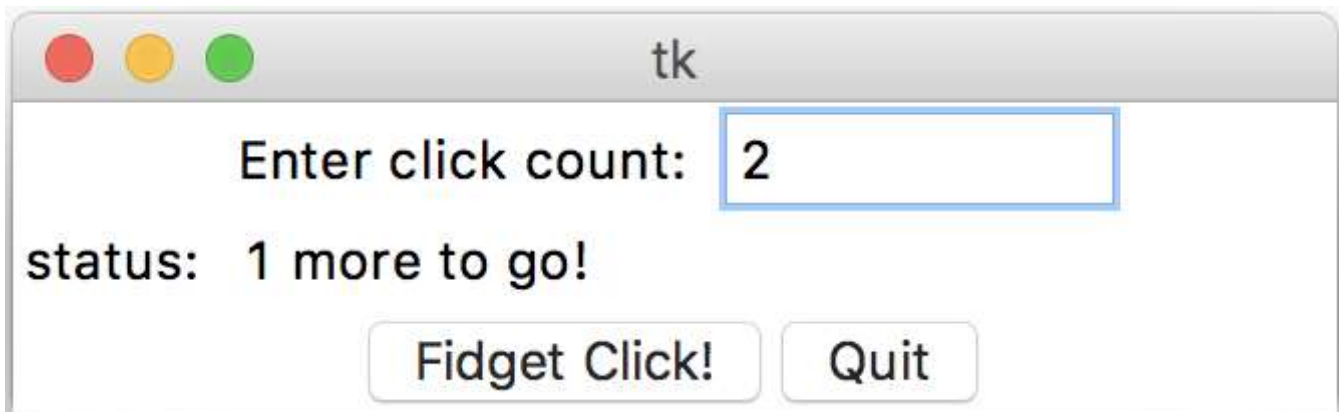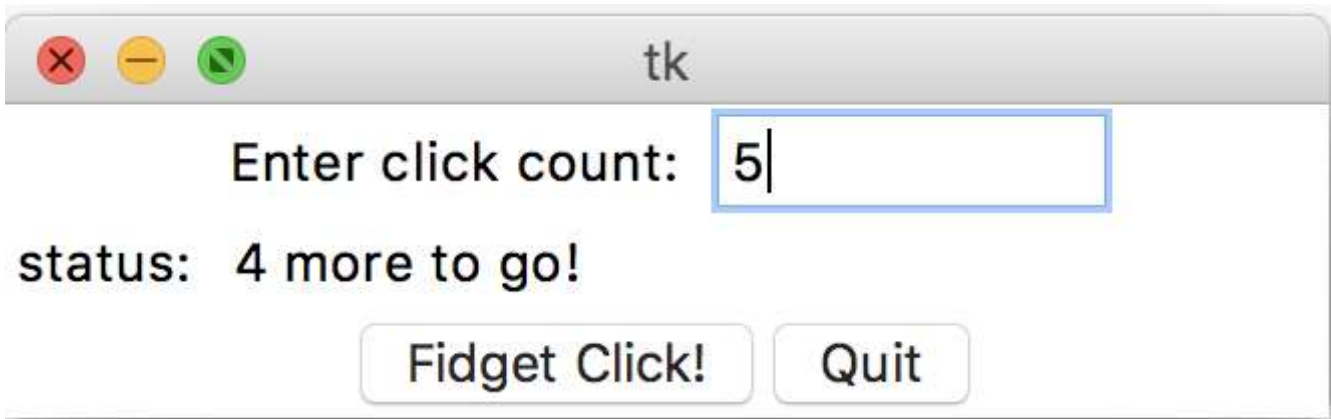
Task:

Your task is to create the GUI shown below, which has two labels, one text entry field and two buttons. This GUI allows the user to enter a 'click count' into the text entry field and then click a 'Fidget Click' button to see that number decreased by one every click. A status label displays a message to the user with the following values:

Click count	Status Message
More than 10	Keep going...
More than 5 but less than or equal to 10	You are nearly there!
More than 0 but less than or equal to 5	X more to go
0	You must enter another fidget click count

Where X = "click count "-1.

Example GUI:

Hint

The *kilometre to miles converter* code shown in lectures is a very good template to use for this task. You can force a label to be a specific width and left-justified by using the following options in the Label method e.g.

```
width=30,anchor="w"
```

Submission Details

Upload the following to the MyLO submission folder for this task:

1. The source file (i.e. the text file containing your code)
2. Screenshots of the Python GUI window that shows the **execution** results of the source code.

Assessment Criteria & Hints

A completed submission **must**:

1. Include comments about the program purpose and the author of the program (your name)
2. Use meaningful names for variables, starting with a lower case
3. Use the suggested layout as shown in the example output (or very similar)
4. Display the requested status messages and decrease the click count number every button click

5. Submit both the source file and the screenshots