

ANKARA UNIVERSITY
COMPUTER ENGINEERING DEPARTMENT
COM1001 Computer Programming I
Fall 2022-23

PA3

Date: 14.12.2022 – 25.12.2022

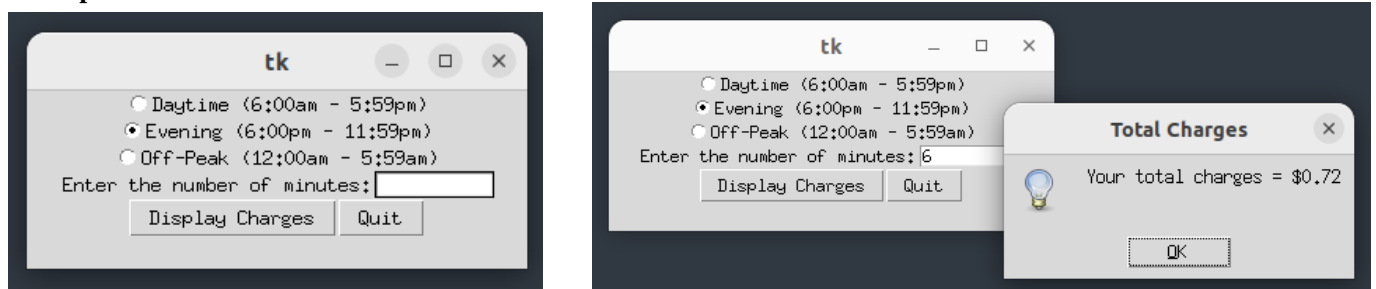
A long-distance provider charges the following rates for telephone calls:

Rate Category	Rate per Minute
Daytime (6:00 a.m. through 5:59 p.m.)	\$0.07
Evening (6:00 p.m. through 11:59 p.m.)	\$0.12
Off-Peak (midnight through 5:59 a.m.)	\$0.05

Write a GUI application that allows the user to select a rate category (from **a set of radio buttons**), and enter the number of minutes of the call into an **Entry widget**. An info **dialog box** should display the charge for the call. **tkinter** and **tkinter.messagebox** modules are recommended for standard Python interface to the Tcl/Tk GUI toolkit. **The deadline for this homework is 25.12.2022 23:59.**

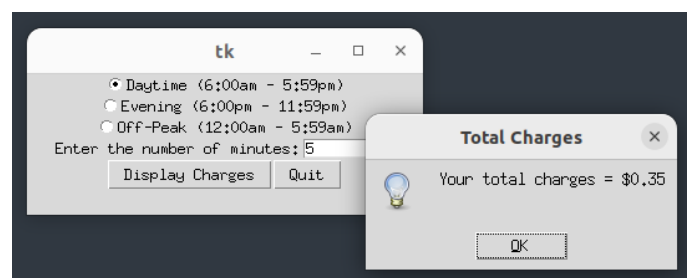
The program should work as follows:

Example 1:

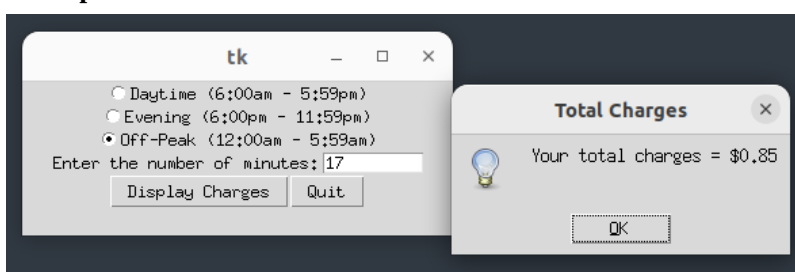


First, your program should start with the dialog box in the image on the left. As you can see, if you enter the number of minutes into the entry widget and then click the “Display Charges” button, it shows total charges with pop-up. If you click “Quit” button, this dialog box on the left is closed. If you click “Ok” button, the other dialog box on the right is closed.

Example 2:



Example 3:



Submission:

- 1- Name your Python source file as <student_id.py>; replace <student_id> using your student id number.
- 2- Upload your python file using the interface provided in e-kampus course page.

Compiling Process:

//normal compile process

python3.8 yourfilename.py