

Purpose: Understand tkinter GUI statements

Learning outcomes: 1, 2 and 3

Time: submit before 5pm Friday of Week 11.

Resources: MyLO: lecture notes and tutorial materials

Description:

Your lecturer wants you to have some more experience with tkinter, you should be able to follow and understand GUI statements

Task:

Submit a **plain text** document (i.e. use Notepad or TextEdit) that contains the answers to the questions that follow the code below:

```

1 from tkinter import *
2
3 class ProcessButtonEvent:
4     def __init__(self):
5         window = Tk()
6         btOK = Button(window, text = "OK", fg = "red", command =
self.processOK)
7         btCancel = Button(window, text = "Cancel", bg = "yellow",
command = self.processCancel)
8         btOK.pack()
9         btCancel.pack()
10        window.mainloop()
11
12    def processOK(self):
13        print("OK button is clicked")
14
15    def processCancel(self):
16        print("Cancel button is clicked")
17
18 myGUI = ProcessButtonEvent()
```

For each of the 14 non-blank lines in the code above i.e. line numbers coloured red, explain the purpose of each statement. Your text document should consist of a line number, followed by your description of the purpose of the statement.

Hint:

Examples: (these are correct)

line 1: import all code definitions from the tkinter class

line 3: start to define the ProcessButtonEvent class

line 18: create a ProcessButtonEvent object (and run the __init__ method) and assign it to myGUI

Submission Details

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

1. The text file (i.e. the a plain text file containing your answers)

Assessment Criteria & Hints

A completed submission **must:**

1. Give correct descriptions for all statements in the code