



Bahria University, Islamabad

Department of Software Engineering

Artificial Intelligence Lab

(Fall-2021)

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Enrollment : 01-131182-021

Lab Journal: 12

Task No:	Task Wise Marks		Documentation Marks		Total Marks (20)
	Assigned	Obtained	Assigned	Obtained	
1	15		5		

Comments:

Signature

Lab No: 12

Lab 12: Implementing Tkinter (GUI Basics)

INTRODUCTION:

Python is an interpreted, high-level, and general-purpose programming language. Python's design philosophy emphasizes code readability with its notable use of significant indentation. Its language constructs and object-oriented approach aim to help programmers write clear, logical code for small and large-scale projects.

Objective:

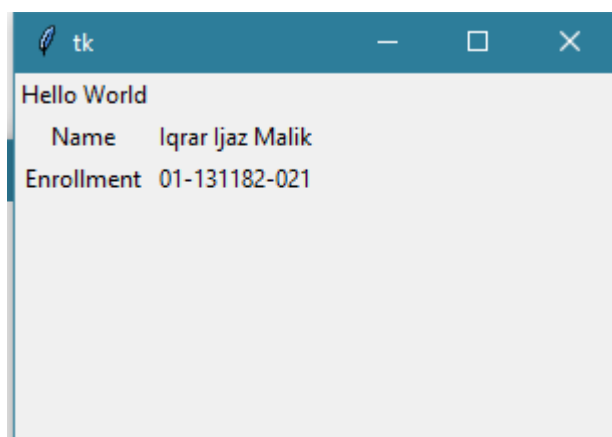
Implementing file handling in python

Tools Used: Pycharm

Task 1

```
from tkinter import *  
window = Tk()  
window.geometry('300x300')  
a = Label(window ,text = "Hello World").grid(row =  
0,column = 0)  
a = Label(window ,text = "Name").grid(row = 1,column  
= 0)  
b = Label(window ,text = "Iqrar Ijaz Malik").grid(row  
= 1,column = 1)  
c = Label(window ,text = "Enrollment").grid(row =  
2,column = 0)  
c = Label(window ,text = "01-131182-021").grid(row =  
2,column = 1)  
window.mainloop()
```

Output:

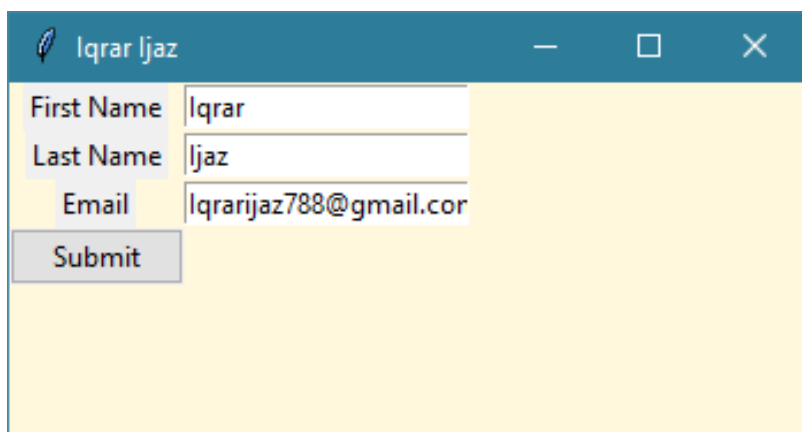


Task 2

```
from tkinter import *
from tkinter import ttk
window = Tk()
window.title("Iqrar Ijaz")
window.geometry('300x300')
window.configure(background= "cornsilk");
a = Label(window ,text = "First Name").grid(row =
0,column = 0)
b = Label(window ,text = "Last Name").grid(row =
1,column = 0)
c = Label(window ,text = "Email").grid(row = 2,column
= 0)
a1 = Entry(window).grid(row = 0,column = 1)
b1 = Entry(window).grid(row = 1,column = 1)
c1 = Entry(window).grid(row = 2,column = 1)
def clicked():
    res = "Welcome to "

btn = ttk.Button(window
,text="Submit").grid(row=4,column=0)
window.mainloop()
```

Output:



Conclusion

I completed the tasks given to us and pasted output above.