

17/10/22 Task 1: Use Tkinter Module for UI design

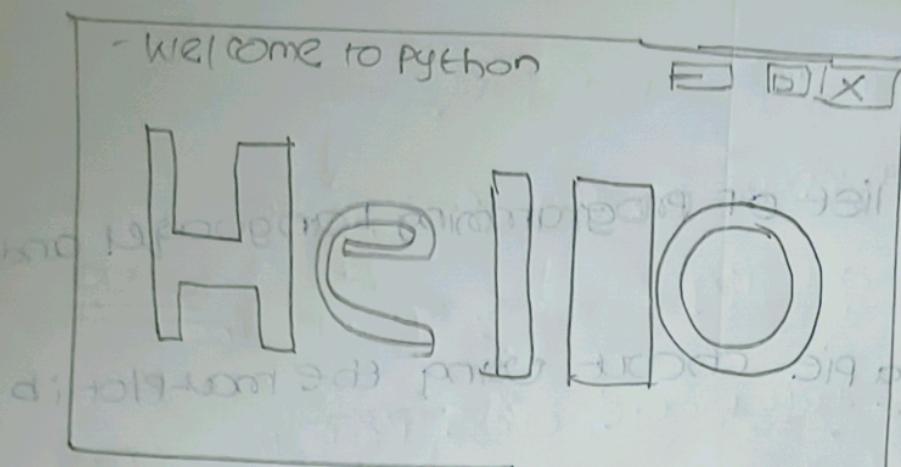
Aim:- TO use Tkinter module for UI design

Algorithm:-

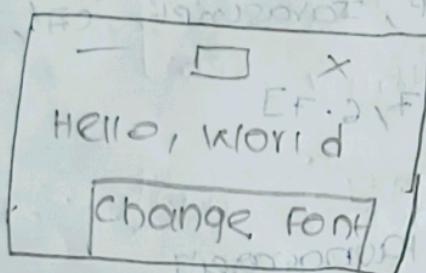
- 1) Import Tkinter module
- 2) Create a main window
- 3) Create a label with desired text
- 4) Add the label to the main window using pack() method
- 5) Create a button to call the function
- 6) Start the main loop.

Program:-

```
import tkinter as tk  
  
def change_font():  
    label.config(font = ["Arial", 18, "bold"])  
  
root = tk.Tk()  
  
label = tk.Label(root, text = "Hello, World!", font = ("Helvetica", 18))  
label.pack()  
  
button = tk.Button(root, text = "Change Font",  
                   command = change_font)  
button.pack()  
  
root.mainloop()
```



Output :-



<input type="checkbox"/>	<input checked="" type="checkbox"/>
Name	<input type="text"/>
User ID	<input type="text"/>
Password	<input type="password"/>
<input type="button" value="Submit"/>	

-  x

Enter values:

Enter values.

**Submit**

## task 11.2 Gui program single line text-box

Aim:- Write a Python Gui program to create three single line text-box to accept a value from the user using Tkinter module.

### Algorithm:-

- 1) Import the Tkinter module
- 2) Create the main window
- 3) Add labels and text-boxes to main window
- 4) Set the size of text-boxes
- 5) Close the main window when the button is clicked

### Program:-

```
import tkinter as tk  
  
root = tk.TK()  
root.title("Text-Box INPUT")  
  
label_1 = tk.Label(root, text="Enter value 1:  
entry_1 = tk.Entry [root]  
  
label_2 = tk.Label [root, text="Enter value 2:  
entry_1.config [width = 30]  
entry_2.config [width = 30]  
entry_3.config [width = 30]
```

কোড করে নিয়ে আসলে একটি প্রোগ্রাম হবে। এটা কোড করে নিয়ে আসলে একটি প্রোগ্রাম হবে।

Output:-

Enter value 1:

Enter value 2:

Enter value 3:

submit:

Click

Output [Kilometer as Ek]

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```

def get_values():
    val1 = entry1.get()
    val2 = entry2.get()
    val3 = entry3.get()
    print("value 1:", val1)
    print("value 2:", val2)
    print("value 3:", val3)

```

```

submit_button = tk.Button(root, text='Submit',
                          command=get_value_values)

label1.pack()
label2.pack()
label3.pack()
entry2.pack()
label4.pack()
entry3.pack()
submit_button.pack()

root.mainloop()

```

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EX No.	11
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	
SIGN WITH DATE	15

Result: - Thus, the program has been verified and executed successfully.