Task - 11. Use Tkinter module for UI design.

6/10/25

Aim:- To use Tkinter module for UI design.

11.1 - Algorithm:-

1. Import Tkinter module
2. Create a main window
3. Create a label with desire text
4. Add the label to main window using pack() units.
5. define function to exchange front size.
6. Create a button to call the function.
7. start the main loop.

program:-

```
import Tkinter as tk
def change_font():
    label.config(font=("arrial",12," bold "))
    root = tk.Tk()
    label = tk.label(root, text="Hello, world!
                     Font=("Helloetica", 14))
    label.pack()
    button = tk.button(root, text = "change font"
                       command = change_font)
    button.pack()
    root.mainloop()
```

11.2 Algorithm;-

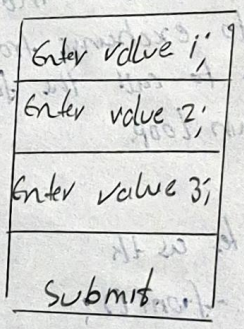
1. import the Tkinte module
2. Create the main window
3. add labels and text-boxes to main window.
4. set all the size of text boxes.
5. create a button to submit the values enter in text boxes.
6. close the main window when buttons is clicked.

output :- 11.1

Hello, world!

change font

output :- 11.2.



Program:

```
import tkinter as tk
    root = tk.Tk()
    root.title("tent.box input")
  label 1 = tk.label(root, text = "enter value 1:")
   entry 1 = tk.entry(root)
  label 2 = tk.label(root, text = "enter values 2:")
    entry = tk.entry(root)
  label 3 = tk.label(root, text = "enter value 3:")
   enter 3 =  tk.entry(root)
  entry 1 = contry(width =30)
  entry 2 = contry(width =30)
  entry 3 = contry(width =30)
def get.values():
     val 1 = entry 1.get()
     val 2 = entry 2.get()
    val 3 = entry 3.get()
    print("value 1:", val 1)
    print("value 2:", val 2)
    print("value 3:", val 3)
  Submit-button = tk.button(root, text = "submit",
                command = get_values)
     label 1.pack()
    entry 1.pack()
     label 2.pack()
     entry 2.pack()
     label 3.pack()
      entry 3.pack()
    submit-button.pack()
    root.mainloop()
```

VEL TECH - CSE	
EX NO.	11
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VIVA VOCE (5)	5
RECORD (5)	
TOTAL (20)	15

Result: Thus, the program using Tkinter module for GUI design was executed and verified successfully.