Task - 11:— Use Tkinter module for UI Design

Aim:— To use Tkinter module for UI design

11.1 Write a python GUI program to create a label and change the label font style using tkinter module

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()
5. Define a function to change font style
6. Create a botton to call the function.
7. Start the main loop.

Program:—

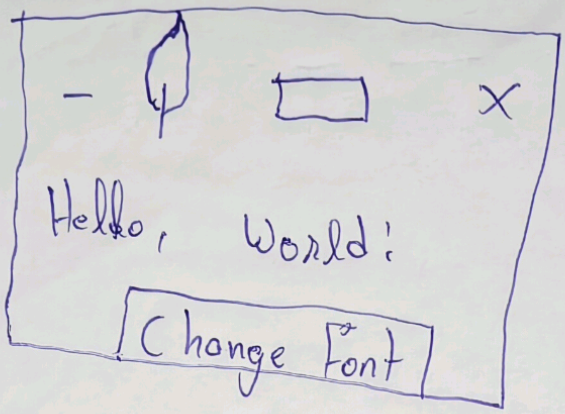
```
import tkinter as tk
  def change_font ():
      label.config(font = ("Arrial", 18, "bold"))
  root = tk.Tk ()
  label = tk.label (root, text = "Hello, word:", font=
                        ("Hellotica", 24)).
  label.pack().

  botton = tk.Botton (root, text = "change font", command=
                        change_font)
  button.pack()
  root.mainloop()
```

11.2. Write a python GUI program to create three single line text-book to accept a value from the user using tkinter module.

Algorithm:—

1. Import the Tkinter module

Output :-

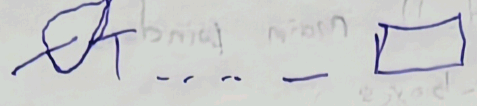


2. Create the main window
3. Add labels and text boxes to the main window
4. Set the size of the text-boxes
5. Creates a button to submit the values extent in the text-boxes
6. Get the values entered in the text_button when the button is clicked
7. Close the main window whether button clicked.

Program :—

```
import tkinter as tk
root = tk.Tk()
root.title("Text-Box input")
label1 = tk.label(root, text="Enter value 1:")
Entry1 = tk.Entry(root)
label2 = tk.label(root, text="Enter value 2:")
Entry2 = tk.Entry(root)
label3 = tk.label(root text = "Enter value 3:")
Entry3 = tk.Entry(root)
Entry1.config(width=30)
Entry2.config(width=30)
Entry3.config(width=30)
def get_value():
    val1 = Entry1.get()
    Val2 = Entry2.get()
    Val3 = Entry3.get()
    Print("Value1:", val1)
    Print("Value2:", val2)
    Print("Value3:", val3)
Submit_button = tk.Button(root, text="submit", Command
                          =get_values)
```

Output :-



Enter value 1 :

Enter value 2 :

Enter value 3 :

Submit :-

```
label.1.Pack()
Entry 1.pack()
label 2.pack()
Entry 2.pack()
label 3.pack()
Entry 3.Pack()
Submit_button pack()
Root.main loop()
```

Result:— Thus, the program for Tkinter module for UI Design is Executed and Verified Successfully

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