Task 1.1

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 ~~too~~ the main window using pack() method
5. Define a function to change front style
6. create button to Call the function when clicked
7. Add the button to the main window using pack() method
8. Start the main loop

program:-

```
import tkinter as tk
# function to change front style
def change_font():
  label.config(font=("Arial", 18, "bolb))
# Create main window
root = tk.Tk()
# Create label with desired text
label=tk.Label(root, text="Hello,world!", front=("Helvetica", 14))
# Add label to main window
label.pack()
# Create button to change front style
button=tk.Button(root, text="Change front", Command= change_font)
# Add button to main window
button.pack()
# Start ~~d~~the main loop
root.main loop
```

Output :-

```
Hello, world !
Change front
```

Task 11.2 write a python GUI program to Create three singles line text-box to accept a value from the user using tkinter module

~~Aim~~:

Algorithm:-

1. import the tkinter module
2. Create the main window
3. Add labels and text-boxes to the main window
4. set the size of the text-boxes
5. Create a button to Submit the values entered in the text-boxes.
6. Get the values entered in the text-boxes when the boxes is Clicked
7. close the main window when the button is clicked.

Program:-

```
import tkinter as tk
#create the main window
root = tk.Tk()
root.tittle("Text-Box input")
# Create labels and text boxes
label 1= tk.label(root, text="Enter value 1:")
entry1 = tk.Entry(root)
label 2 = tk.label(root, text ="Enter value 2:")
entry 2= tk.Entry(root)
label 3= tk.label(root, text="Enter value 3:")
entry 3 =tk.Entry(root)
# Set the size of the text-boxes
entry1.Config(width=30)
entry2.Config(width=30)
Entry 3.Config(width=30)
# Create a function to get the value entered in the
text-boxes
def get_values():
```

output :-

```
Enter value 1:
Enter value 2:
Enter value 3:
Submit
```

```
val1 = entry1.get()
val2 = entry2.get()
val3 = entry3 get()
Print ("value1:", val1)
print ("value2:", val2)
print ("value3:", val3)
# Create a button to submit the value entered in the text-
boxes
Submit_button = tk.button (root, text: "submit", Command=get_values)
# Add the labels, text-boxes, and button to the main window
label1. pack()
entry1.pack()
label2. pack()
entry2. pack()
label3. pack()
entry3. pack()
# Run the main event loop
root.mainloop()
```

VELTECH	
EX No.	11
PERFORMANCE (5)	5
RESULT AND ANALYSIS (3)	5
VIVA VOCE (3)	5
RECORD (4)	
TOTAL (15)	15
SIGN WITH DATE	

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