

Aim:-

To use Tkinter module for UI design

Problem 11.1 write a Python GUI program to create a label and change the label front style (font, name, bold, size) 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() method
5. Define a function to change front style
6. Create a 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 font style
def Change_font():
    label.config(font=("Arial", 18, "bold"))

# Create main window
root = tk.Tk()
root.title("Change Font Style")

# Create label with desired text
label = tk.Label(root, text="Hello,World", font=("Helvetica", 14))

# Add label to main window
label.pack()

# Create button to change front style
button = tk.Button(root, text="Change font", command=Change_font)

# Add button to main window
button.pack()

# Start the main loop
root.mainloop()

```

Output

Hello world!

change font

Task 11.2

Aim: To 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 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 button 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.title("Text Box Input")

# create labels and text-boxes
label1 = tk.Label(root, text="Enter value 1:")
labelentry1 = 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)

# set the size of the text-boxes
entry1.config(width=30)
entry2.config(width=30)
entry3.config(width=30)

# Create a function to get the values entered in the text-boxes
def get_values():
    val1 = entry1.get()
    val2 = entry2.get()
    val3 = entry3.get()
    print("Value 1:", val1)
    print("Value 2:", val2)
    print("Value 3:", val3)
```

SEARCH IN FOR PROGRAMMING

SEARCH IN FOR STUDENT RECORDS OF

Output

Enter value 1: morpog WP month(F) & other 1st month
retained price (wp, total, average, total) after first total cost records
student

Enter Value 2:

Enter Value 3:

Submit

1. morpog

student records program
written down in same

first semester after total is same as

before (last price written down after total cost EEA)

After first records of morpog is written as

second month written off last of month to EEA

contents 1) first price written down after total cost EEA

good down off first

2. morpog

After records program

After first records of morpog the

(1) first records for

((("dod", 121, "2018")) = total) + total * total

written down first

NET * AJ = 2008

Net ("morpog") = first, below off 121 = first record 121 * 121 = total

third 6 months after total records

total = first, below off 121 = first record 121 * 121 = total

written down of total 121

Create a button to submit the values entered in the text-boxes
Submit-button = tk.Button(root, text="submit", command=get_values)

Add the labels, entry boxes, and button to the main window

```
label1.pack()  
entry1.pack()  
label2.pack()  
entry2.pack()  
label3.pack()  
entry3.pack()  
Submit-button.pack()
```

Run the main event loop
root.mainloop()

Output Window

Enter Name

Result Analysis

Viva Voce

Record

Total

Sign With Date

VEL TECH - COLLEGE	
EX NO.	11
PERFORMANCE (5)	5
RESULT AND ANALYSIS (3)	5
VIVA VOCE (3)	5
RECORD (4)	
TOTAL (15)	15
SIGN WITH DATE	15

Result:

Thus the program using Tkinter module for UI design was executed and verified successfully.