

Task - 11

Use Thinker Module

Aim: To use Tkinter module for UI Design

Algorithm

1. Import Tkinter module
2. Create a main window
3. Create a label to the main window
4. Define a function to change font style
5. Create a button to call the function
6. Add the button to main window
7. 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", 14))
```

```
label.pack()
```

```
button = tk.Button(root, text = "change font", command  
                   = change_font)
```

```
button.pack()
```

```
root.mainloop()
```



Hello world
 Font change

Algorithm

1. Import the tkinter module
2. Create the main window
3. Add labels and text boxes
4. Set the size
5. Get the values entered in the text boxes
6. Close the main window.

Program

```
import tkinter as tk
```

```
root = tk.TK()
```

```
root.title("Text-box Input")
```

```
label1 = tk.Label(root, text="Entry value 1:")
```

```
Entry1 = tk.Entry(root)
```

```
label2 = tk.Label(root, text="Entry value 2:")
```

```
Entry2 = tk.Entry(root)
```

```
label3 = tk.Label(root, text="Entry value 3:")
```

```
Entry3 = tk.Entry(root)
```

```
Entry1.config(width=30)
```

```
Entry2.config(width=30)
```

```
Entry3.config(width=30)
```

```
def get_values():
```

```
    val1 = Entry1.get()
```

```
    val2 = Entry2.get()
```

```
    print("value 1:", val1)
```

```
    print("value 2:", val2)
```

```
    print("value 3:", val3)
```

```
submit_button = tk.Button(root, text="submit",  
                           command=get_values)
```

Submit

to use tkinter module for GUI design

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Entry value 1

def test function to display text

Entry value 2

entry value 3

submit: pop up the text

if as enter on fr

def change_text()

(label.config(text = "Hello World"))

(root.tk.TK)

label = tk.Label(root, text = "Hello World")

(root.pack())

root.mainloop()

label1.pack()

entry1.pack()

label2.pack()

entry2.pack()

label3.pack()

entry3.pack()

submit_button.pack()

root.mainloop()

result: The design and development of Tkinter module is implemented successfully.

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S. NO.	11
PERFORMANCE (5)	5
RESULT AND ANALYSIS (5)	5
VA VOCE (5)	5
RECORD (5)	5
TOTAL (20)	20
AVERAGE	2/10