

## TASK-11 USE TKINTER MODULE FOR UI DESIGN

Aim: To use Tkinter module for ui design.

Problem: 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() method
5. Define a function to change font 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()

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

```
# Add button to main window
button.pack()

# Start the main loop
root.mainloop()
```

TASK-11.2 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 & text boxes
label1 = tk.Label (root, text = "Enter value 1:")

entry1 = tk.Entry (root)
```

request to get address before you of  
 name of university and address to the  
 dept. from which you want to receive a  
 diploma certificate.

21/12/2001  
 diploma certificate

certificate about a year of  
 your studies when you get the diploma  
 certificate.

sign and stamp of university or school  
 name output and list of subject or class.

**Hello, World!**

good morning all  
 better luck

if no return key  
 20/12/2001

sign and stamp of university or

list of subject or class

(( "hello", "hi", "world" ) = first) print "world"

certificate about a year of

12/12/2001

your certificate about a year of

21/12/2001, diploma certificate about a year of

(( "hi", "hello", "hi" ))

certificate about a year of

12/12/2001

OUTPUT

Enter value 1:

Enter value 2 :

Enter value 3:

Submit

1000

[illegible]



```

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

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

# Add the labels, text boxes, & 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()

```

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**RESULT:** Thus the program using tkinter module for ui design was executed & verified successfully.