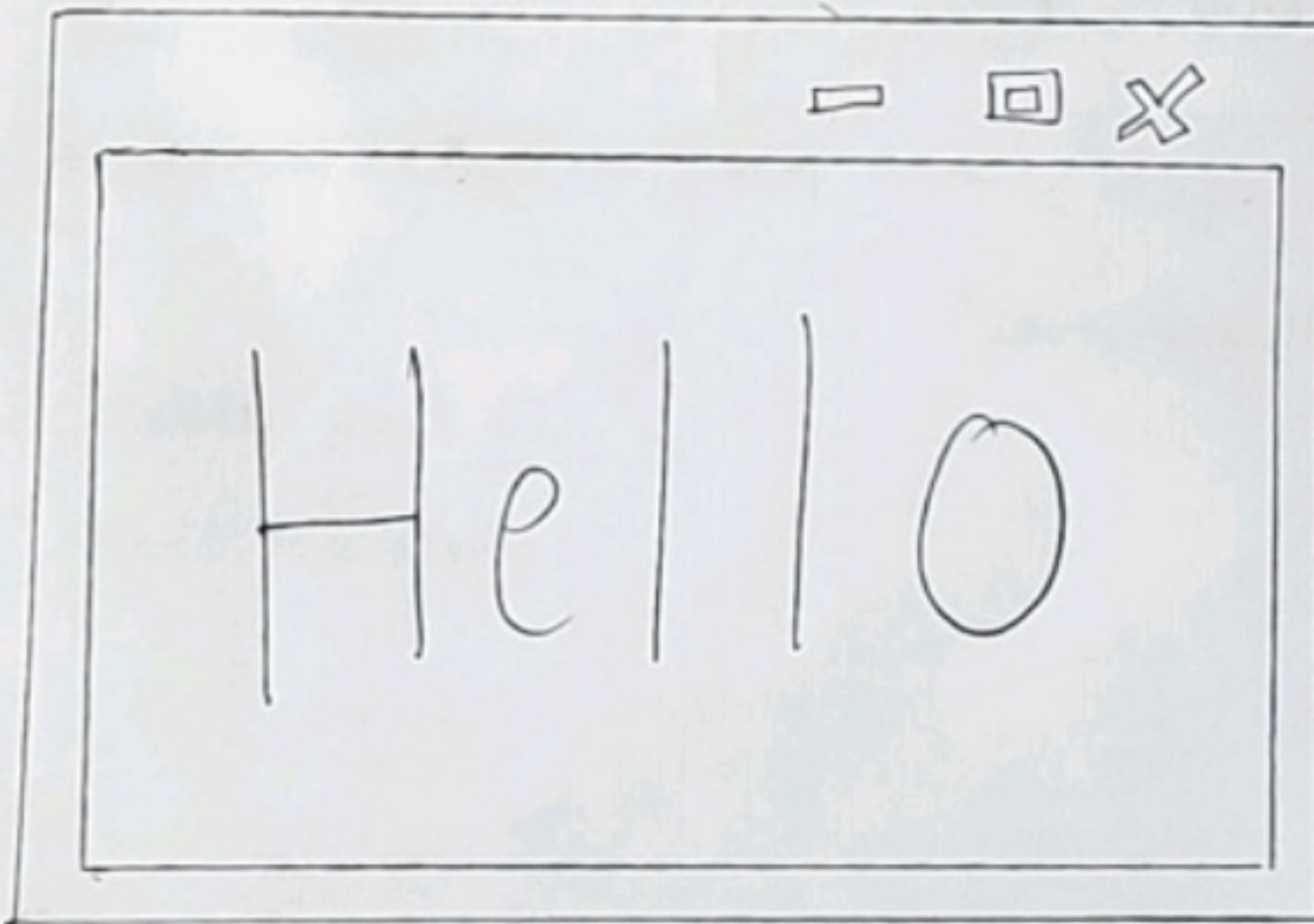


Task : 11 Use Tkinter module for UI design

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 (font name, bold, size) using tkinter module.

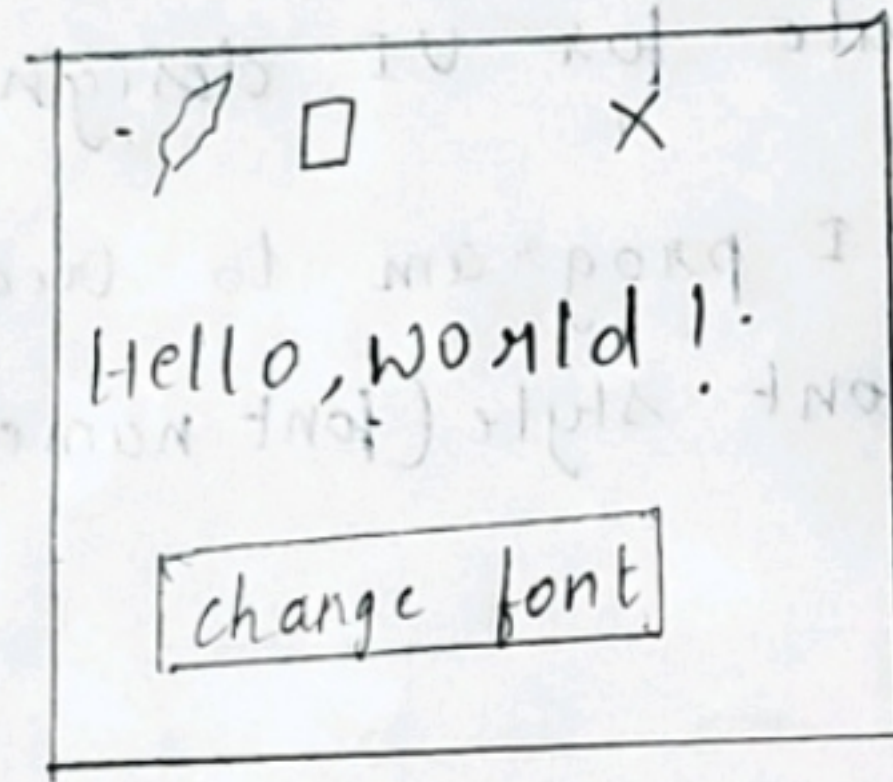


ALGORITHM :-

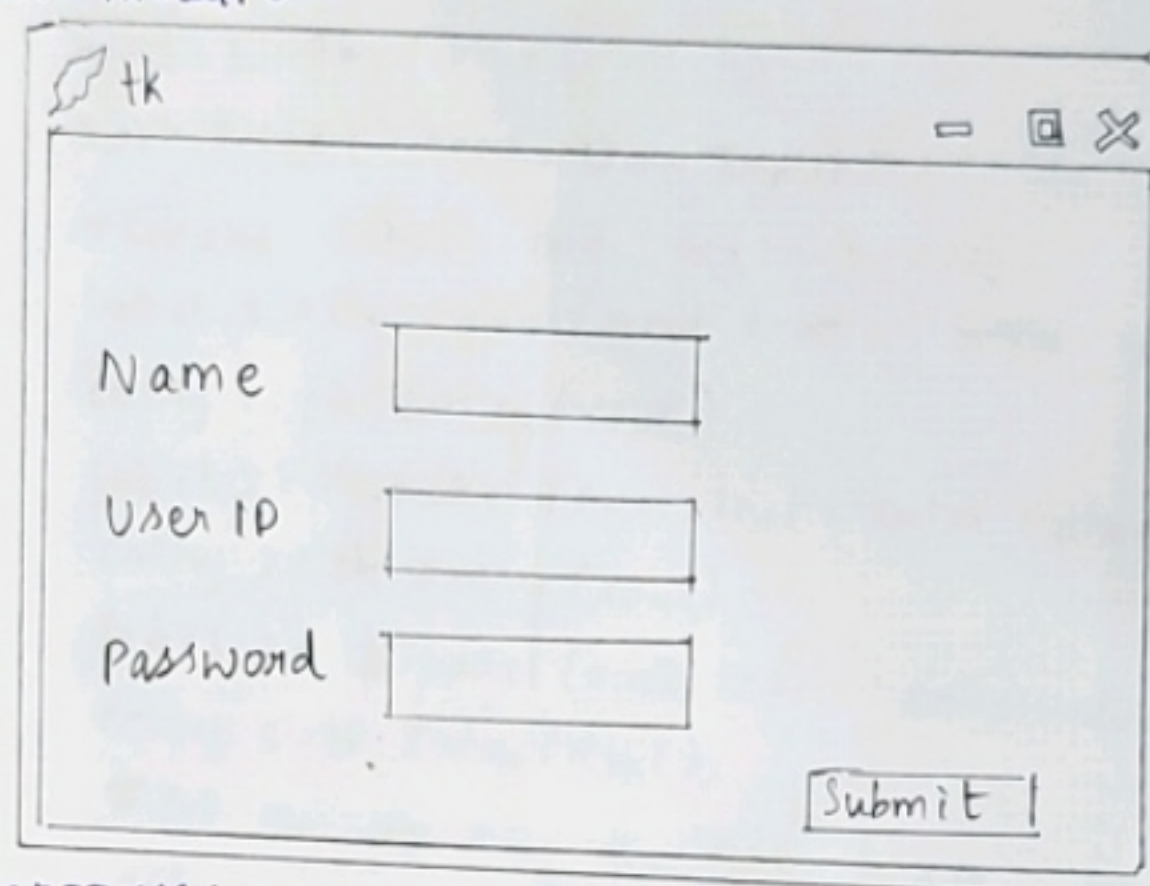
1. Import tkinter module
2. Create a main window
3. Create a label with desired text
4. Add the label to the main window using pack()
5. Define a function to change font style
6. Create a button to call the function when clicked.
7. Add the button to the main window using pack()
8. Start the main loop

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()
```

162) 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
label 1 = tk.Label(root, text = "Enter value 1: ")
entry 1 = 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
entry 1.config(width=30)
entry 2.config(width=30)
entry 3.config(width=30)

# Create a function to get the values entered in
the text-boxes
def get_values():
    val 1 = entry 1.get()
    val 2 = entry 2.get()
    val 3 = entry 3.get()
    print("Value 1:", val 1)
    print("Value 2:", val 2)
    print("Value 3:", val 3)

# 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, text-boxes, and button to the main
label 1. pack ()
entry 1. pack ()
label 2. pack ()
entry 2. pack ()
label 3. pack ()
entry 3. pack ()
Submit-button. pack ()
# Run the main event loop
root.mainloop()

```

RESULT :-

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

VEL TECH - CSE	
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RECORD (5)	
TOTAL (20)	
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 T... — ☐ X

Enter value 1:

Enter value 2:

Enter value 3:

Submit