

INDUSTRIAL TRAINING DAILY DIARY

DAY 07

02 July, 2025

Topic : Continued tkinter...

Some more programs :

- **creating GUI for a rename button**

```
from tkinter import *
screen = Tk()

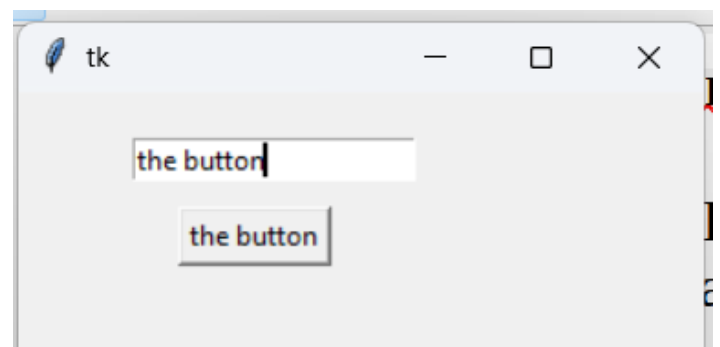
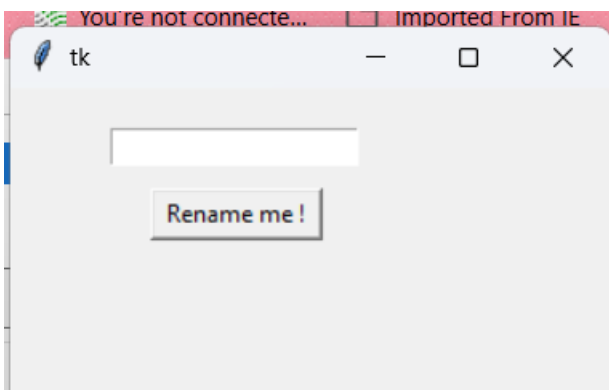
def rename():
    txt = e1.get()
    b1.config(text = txt)

screen.geometry("300x300")

e1 = Entry(screen, text = " Rename me ! ")
e1.place(x = 50, y= 20)

b1 = Button(screen , text = " Rename me ! ",command = rename)
b1.place(x=70,y=50)

screen.mainloop()
```



- **creating GUI for password hide/show button**

```
from tkinter import *
```

```
screen = Tk()

def encrypt():
    pas = l5.cget("text")
    n = len(pas)
    new = '*' * n
    l5.config(text = new)

def decrypt():
    l5.config(text=" dahfdhsfjahdjf ")

screen.geometry("400x500")

l1 = Label(screen,text = " Log in ")
l1.place(x=150,y=20)

l2 = Label(screen,text = " email ")
l2.place(x=20,y=50)

l4 = Label(screen , text = " anjali@gmail.com ")
l4.place(x = 20 , y = 70)

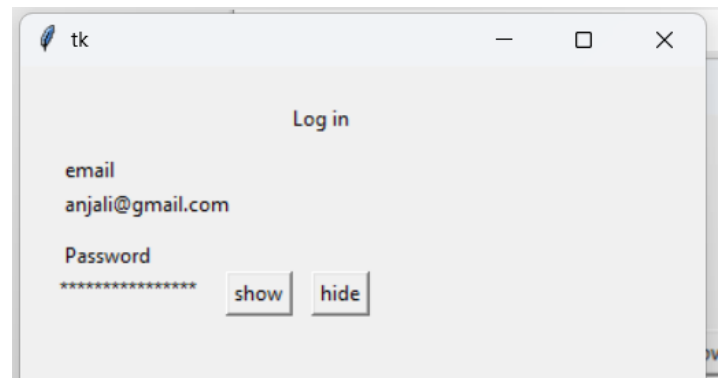
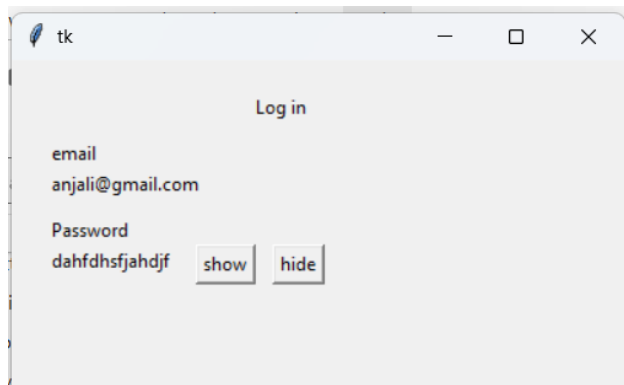
l3 = Label(screen,text = " Password ")
l3.place(x=20,y=100)

l5 = Label(screen,text = " dahfdhsfjahdjf ")
l5.place(x=20,y=120)

b1 = Button(screen,text = 'hide', command = encrypt)
b1.place(x=170,y=120)

b1 = Button(screen,text = 'show', command = decrypt)
b1.place(x=120,y=120)

screen.mainloop()
```



****The Radio Button****

The Radiobutton is a standard [Tkinter](#) widget used to implement one-of-many selections. Radiobuttons can contain text or images, and you can associate a Python function or method with each button. When the button is pressed, [Tkinter](#) automatically calls that function or method.

Syntax:

button = Radiobutton(master, text="Name on Button", variable = "shared variable", value = "values of each button", options = values, ...)

shared variable = A Tkinter variable shared among all Radio buttons

value = each radiobutton should have different value otherwise more than 1 radiobutton will get selected.

Example :

```
from tkinter import Radiobutton, Tk, StringVar, Button

screen = Tk()

screen.geometry("300x300")

def button_press():
    selected = v.get()
    if selected=="male":
        print("you have selected Male")
    else:
        print("you have selected female")
```

```
v = StringVar()

r1 = Radiobutton(screen, text = "Male", variable = v,
                  value = "male",
                  background = "light blue")
r1.place(x=10,y=10)

r2 = Radiobutton(screen, text = "female", variable = v,
                  value = "female",
                  background = "light blue")
r2.place(x=10,y=40)
b1 = Button(screen,text = ' Done ',command = button_press)
b1.place(x =10 , y =80 )

screen.mainloop()
```

