**Agnim Gupta**

**Minor Project**

from tkinter import \*

import time

t=0

count = 0

def countdown():

    global timer,count,t

    t=count

    if count>0:

        count = count - 1

        label.config(text = str(count))

        timer = label.after(1000,countdown)

    else:

        timer=False

        label.config(text = "Time's Up")

def start\_button():

    global timer

    global count

    count = int(entry.get())

    StopTimer()

    countdown()

def stop\_button():

    global timer

    global count

    count = int(entry.get())

    StopTimer()

def reset\_button():

    global timer

    global count

    count = 0

    StopTimer()

    timer=False

    entry.delete(0,END)

    label.config(text = "Enter seconds:")

    pass

def resume\_button():

    global timer,count,t

    count=t

    StopTimer()

    countdown()

    pass

def StopTimer():

    global timer

    if timer:

        label.after\_cancel(timer)

        timer = False

master = Tk()

master.geometry("250x300")

master.title("Countdown Timer")

label = Label(master, text="Enter seconds:")

entry = Entry(master, justify="center")

start = Button(master, text="start timer", command=start\_button)

stop  = Button(master, text="stop timer", command=stop\_button)

reset = Button(master, text="reset timer", command=reset\_button)

resume = Button(master, text="resume timer", command=resume\_button)

label.place(x=95, y=0)

entry.place(x=65, y=50)

start.place(x=95, y=100)

stop.place(x=95, y=150)

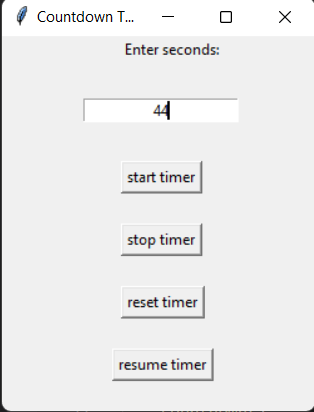
reset.place(x=95, y=200)

resume.place(x=88, y=250)

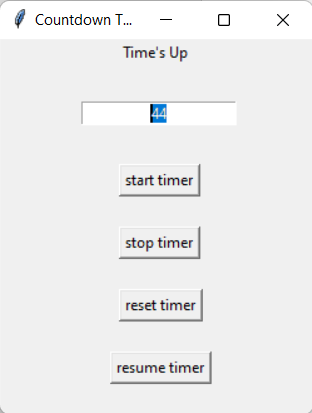
timer=False

master.mainloop()

**Output**

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