

alarmClockGui... (3) - JupyterLab

localhost:8888/lab/tree/alarmClockGui_byVanshi.py

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```
[2]: #Importing all the necessary libraries to form the alarm clock

from tkinter import *
import datetime
import time
import winsound

def alarm(set_alarm_timer):
    while True:
        time.sleep(1)
        current_time = datetime.datetime.now()
        now = current_time.strftime("%H:%M:%S")
        date = current_time.strftime("%d/%m/%Y")
        print("The Set Date is:",date)
        print(now)
        if now == set_alarm_timer:
            print("Time to Wake up")
            winsound.PlaySound("sound.wav",winsound.SND_ASYNC)
            break

def actual_time():
    set_alarm_timer = f"{hour.get()}:{min.get()}:{sec.get()}"
    alarm(set_alarm_timer)

clock = Tk()

clock.title("The Alarm Clock ")
clock.geometry("400x200")
time_format=Label(clock, text= "Enter time in 24 hour format!", fg="red",bg="black",font="Arial").place(x=60,y=120)
addTime = Label(clock,text = "Hour Min  Sec",font=60).place(x = 110)
setYourAlarm = Label(clock,text = "When to wake you up",fg="black",relief = "solid",font=("Helvetica",7,"bold")).place(x=0, y
```

alarmClockGui_byVanshi.py

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# The Variables we require to set the alarm(initialization):

hour = StringVar()
min = StringVar()
sec = StringVar()

#Time required to set the alarm clock:

hourTime= Entry(clock,textvariable = hour,bg = "pink",width = 15).place(x=110,y=30)
minTime= Entry(clock,textvariable = min,bg = "pink",width = 15).place(x=150,y=30)
secTime = Entry(clock,textvariable = sec,bg = "pink",width = 15).place(x=200,y=30)

#To take the time input by user:

submit = Button(clock,text = "Set Alarm",fg="red",width = 10,command = actual_time).place(x = 110,y=70)

clock.mainloop()
#Execution of the window.
```

Mode: Command | Ln 1, Col 1 | alarmClockGui_byVanshi.py

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localhost:8888/lab/tree/alarmClockGui_byVanshi.ipynb

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        date = current_time.strftime("%d/%m/%Y")
        print(now, date)
```

Simple 0 2 Python 3 (ipykernel) | Idle Mode: Command Ln 1, Col 1 alarmClockGui_byVanshi.ipynb

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