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(Alarm clock with GUI and it is source code):

#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("DataFlair 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="blue",relief = "solid",font=("Helevetica",7,"bold")).place(x=0, y=29)

# 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.