


```

        if keyboard.is_pressed('P'):          #method in keyboard module
            print("PAUSED AT {}".format(timer))
            keyboard.wait('space')            #method in keyboard module(waits
till the particular key is pressed)
        if keyboard.is_pressed('e'):          #when a certain key is pressed
the code defined under it is executed
            print("TO 'STOP' CLICK 'S'\nTO 'RESET' CLICK 'R'")
            time.sleep(2)
            if keyboard.read_key()=='s':      #method in keyboard module
                print("STOPPED AT {}".format(timer))
                quit()                        #terminates the program
            elif keyboard.read_key()=='r':    #when the particular key is
read, block is executed
                x=int(input("ENTER TIME IN HOURS: "))
                y=int(input("ENTER TIME IN MINUTES: "))
                z=int(input("ENTER TIME IN SECONDS: "))
                countdown(x,y,z)

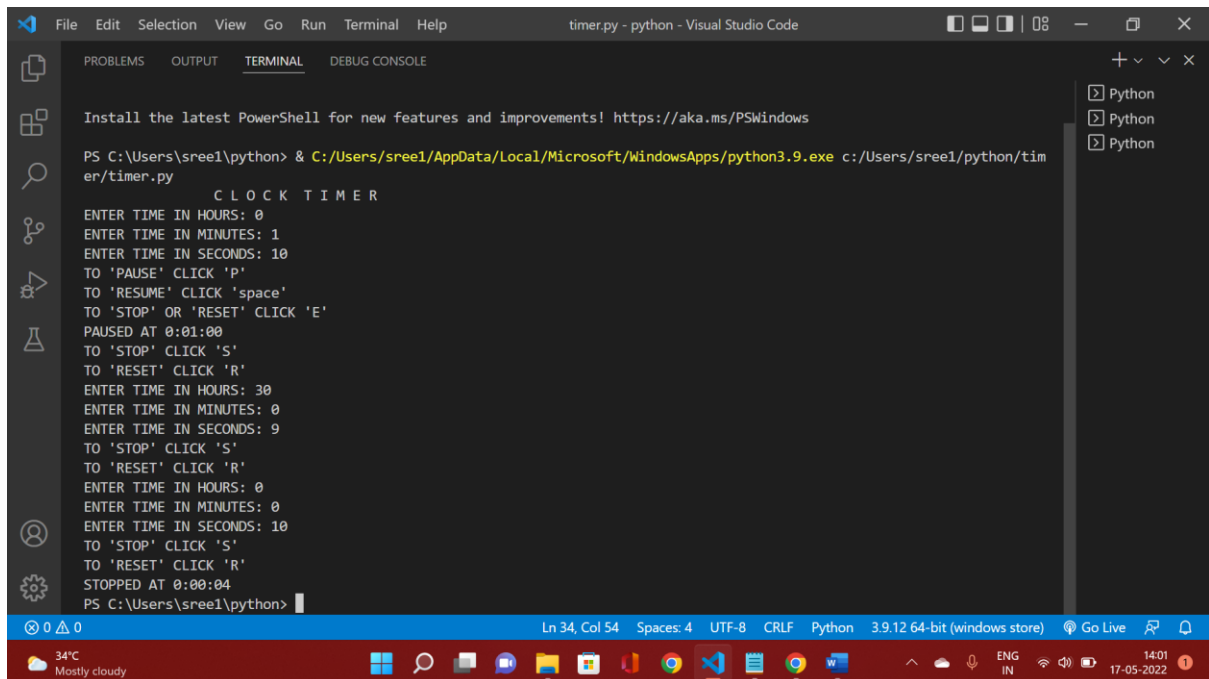
    print("TIME UP!")
    for i in range(3):
        winsound.Beep(800,150)                #method in winsound module(py
standard music module)
        winsound.Beep(800,150)
        winsound.Beep(800,400)
        time.sleep(0.5)
    keyboard.unhook_all()                    #method in keyboard module
    quit()
print("\t\tC L O C K   T I M E R")
h=int(input("ENTER TIME IN HOURS: "))
m=int(input("ENTER TIME IN MINUTES: "))
s=int(input("ENTER TIME IN SECONDS: "))
print("TO 'PAUSE' CLICK 'P'\nTO 'RESUME' CLICK 'space'")
print("TO 'STOP' OR 'RESET' CLICK 'E'")
countdown(h,m,s)

```

FEATURES INCLUDED:

- **Pause:** Press 'P'
- **Resume:** Press 'space'
- **Stop/Reset:** Press 'E'
- **Stop:** Press 'S'
- **Reset:** Press 'R'

SAMPLE OUTPUTS

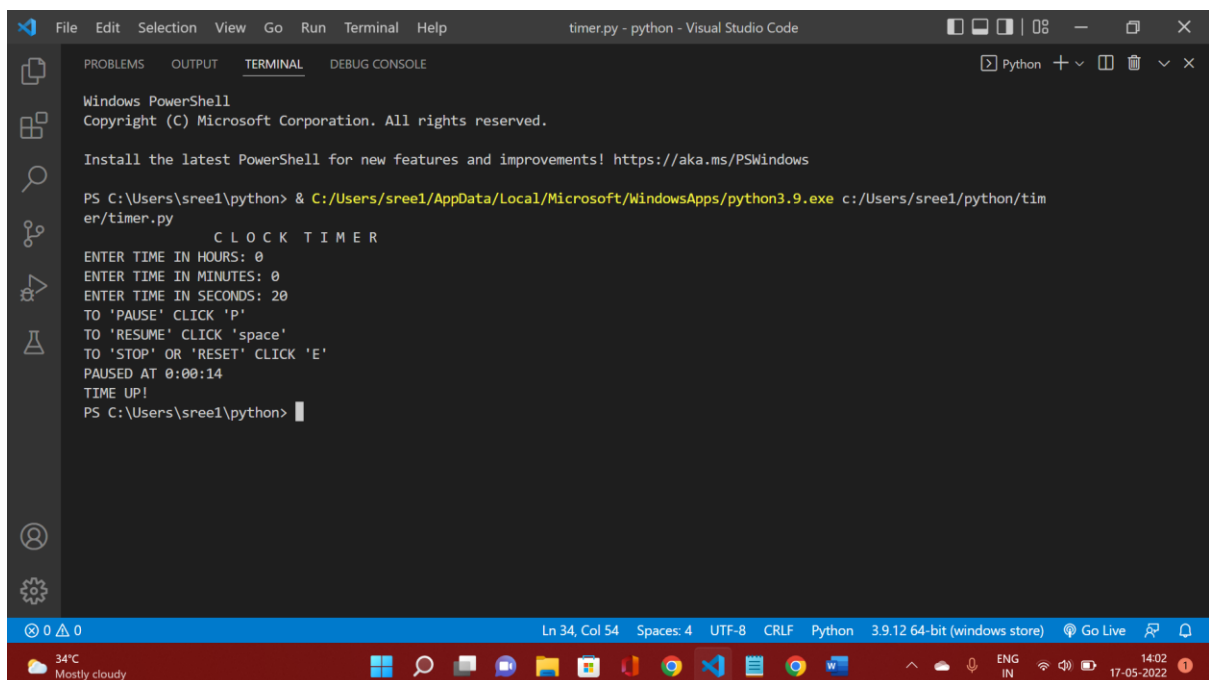


The screenshot shows a Visual Studio Code window with a terminal running a Python script. The terminal output is as follows:

```
PS C:\Users\sree1\python> & C:/Users/sree1/AppData/Local/Microsoft/WindowsApps/python3.9.exe c:/Users/sree1/python/timer.py

      C L O C K   T I M E R

ENTER TIME IN HOURS: 0
ENTER TIME IN MINUTES: 1
ENTER TIME IN SECONDS: 10
TO 'PAUSE' CLICK 'P'
TO 'RESUME' CLICK 'space'
TO 'STOP' OR 'RESET' CLICK 'E'
PAUSED AT 0:01:00
TO 'STOP' CLICK 'S'
TO 'RESET' CLICK 'R'
ENTER TIME IN HOURS: 30
ENTER TIME IN MINUTES: 0
ENTER TIME IN SECONDS: 9
TO 'STOP' CLICK 'S'
TO 'RESET' CLICK 'R'
ENTER TIME IN HOURS: 0
ENTER TIME IN MINUTES: 0
ENTER TIME IN SECONDS: 10
TO 'STOP' CLICK 'S'
TO 'RESET' CLICK 'R'
STOPPED AT 0:00:04
PS C:\Users\sree1\python>
```



The screenshot shows a Visual Studio Code window with a terminal running a Python script. The terminal output is as follows:

```
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.

Install the latest PowerShell for new features and improvements! https://aka.ms/PSWindows

PS C:\Users\sree1\python> & C:/Users/sree1/AppData/Local/Microsoft/WindowsApps/python3.9.exe c:/Users/sree1/python/timer.py

      C L O C K   T I M E R

ENTER TIME IN HOURS: 0
ENTER TIME IN MINUTES: 0
ENTER TIME IN SECONDS: 20
TO 'PAUSE' CLICK 'P'
TO 'RESUME' CLICK 'space'
TO 'STOP' OR 'RESET' CLICK 'E'
PAUSED AT 0:00:14
TIME UP!
PS C:\Users\sree1\python>
```

NOTE:

Since the keyboard module is a little sluggish, it is advised to press and hold the required key until the timer is paused.

