Assignment-2

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PROGRAMCODE:

```
Importsched,timeI
mport
randomdefget_val
ue():
   temp=random.randint(25,70);
    hum=random.randint(1,101);
    temp_check(temp,hum);
deftemp_check(n,m):
    if(n>55):
       print("The temperature is too high...Alarmis
                    turnedon");
        print("Temperature:",n,"Celsius")p
       rint("Humidity:",m,"%")
       else:
       print("Normal
                              temperature");
       print("Temperature:",n,"Celsius")p
       rint("Humidity:",m,"%")
s=sched.scheduler(time.time,time.sleep)d
 ef dosomething(sc):
      get_value()s.enter(5,1,do_so
     mething,(sc,))
s.enter(5,1,do_something,(s,))s.run(
)
```

OUTPUT:

```
Normal temperature
Temperature: 37 Celsius
Humidity: 79 %
Normal temperature
Temperature: 37 Celsius
Humidity: 90 %
The temperature is too high...Alarm is turned on
Temperature: 56 Celsius
Humidity: 41 %
Normal temperature
Temperature: 53 Celsius
Humidity: 40 %
```