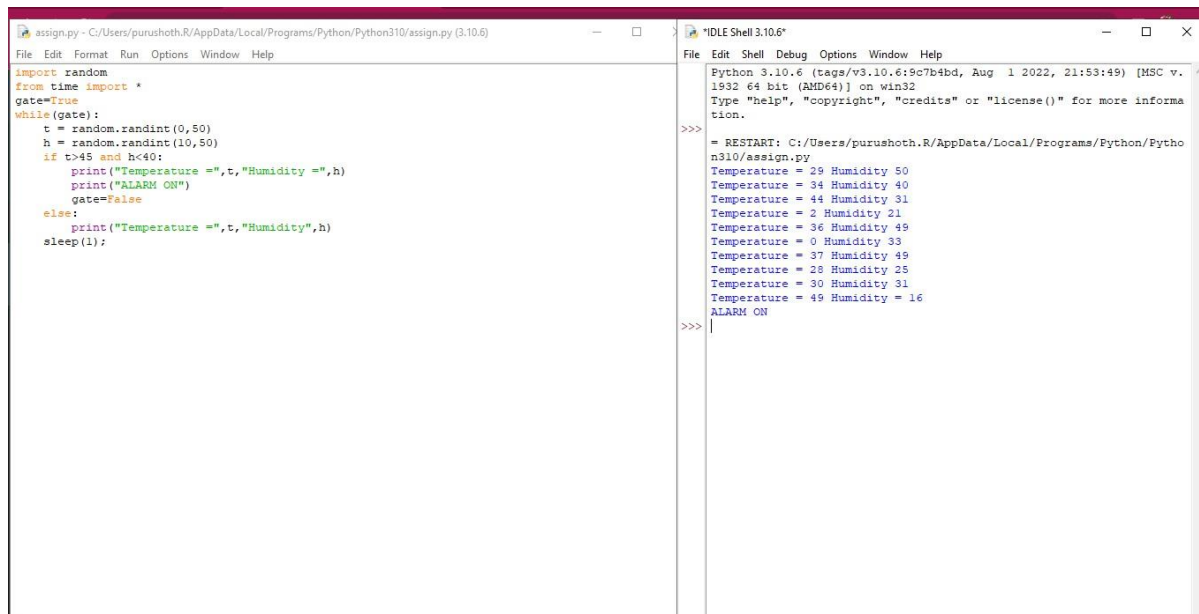# ASSIGNMENT 2- PYTHON CODE

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*Build a fiyl'hon code, Assume you gel' l'emfieral'ure and humidil'y values (general'ed wil'h random funcl'ion l'o a variable) and wril'e a condil'ion l'o conl'inuously del'ecl' alarm in case of high l'emfieral'ure.*

```
import random
from time import *
gate=True
while(gate):
    t = random.randint(0,50)
    h = random.randint(10,50)
    if t>45 and h<40:
        print("Temperature =",t,"Humidity =",h)
        print("ALARM ON")
        gate=False
    else:
        print("Temperature =",t,"Humidity",h)
    sleep(1);
```

```
Python 3.10.6 (tags/v3.10.6:9c7b4bd, Aug  1 2022, 21:53:49) [MSC v.
1932 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more informa
tion.
>>>
= RESTART: C:/Users/purushoth.R/AppData/Local/Programs/Python/Pytho
n310/assign.py
Temperature = 29 Humidity 50
Temperature = 34 Humidity 40
Temperature = 44 Humidity 31
Temperature = 2 Humidity 21
Temperature = 36 Humidity 49
Temperature = 0 Humidity 33
Temperature = 37 Humidity 49
Temperature = 28 Humidity 25
Temperature = 30 Humidity 31
Temperature = 49 Humidity = 16
ALARM ON
>>>
```