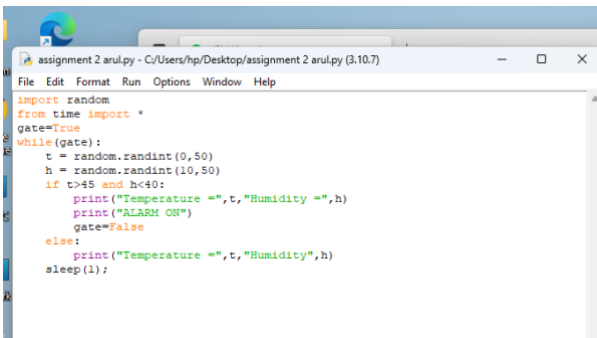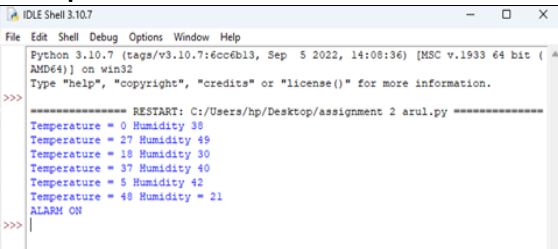# Assignment 2

By A.Arul Prakasam

Build a python code, Assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

Code	Output

``python
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);
``
	=============== RESTART: C:/Users/hp/Desktop/assignment 2 arul.py ==============
	Temperature = 0 Humidity 38
	Temperature = 27 Humidity 49
	Temperature = 18 Humidity 30
	Temperature = 37 Humidity 40
	Temperature = 5 Humidity 42
	Temperature = 48 Humidity = 21
	ALARM ON