Assignment -2
Python Programming

Assignment Date	24 September 2022
Student Name	Snekapriya A
Student Roll Number	923819106050
Maximum Marks	10 Marks

Question-1:

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.

Solution:

```
import random
import time
while True:
    Temperature = random.randint(0,150)
    Humidity = random.randint(0,100)

    if Temperature > 100 and Humidity > 80:
        print("Temperature : " + str(Temperature))
        print("Humidity : " + str(Humidity))
        print("Temperature and Humidity is High")
print("Alarm On !!!")
        print("")
time.sleep(2)
    else:
        print("Temperature : " + str(Temperature))
        print("Humidity : " + str(Humidity))
```

```
    print("Range is Normal")
print("")
```