Assignment -2
Python Programming

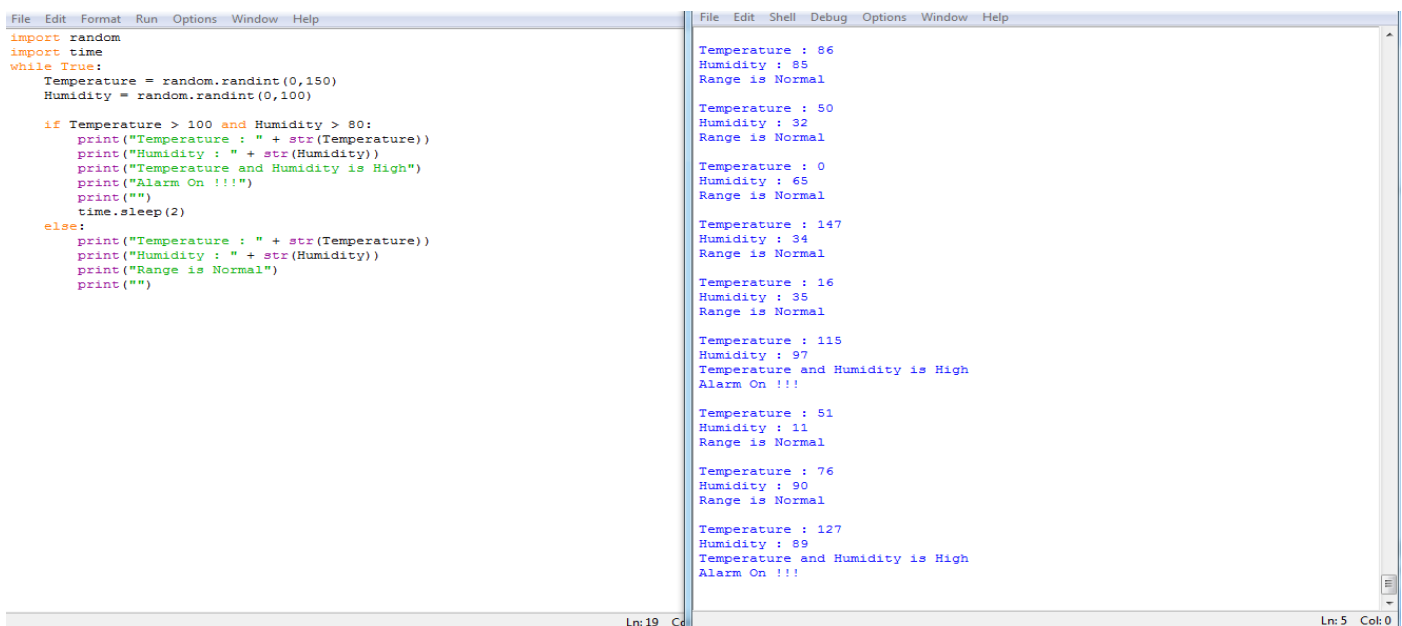| Assignment Date	19 September 2022
Student Name	Mugila R
Student Roll Number	621119106017
Maximum Marks	2 Marks

Question:

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:
PROGRAM:

```python
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("")
```

OUTPUT: