Assignment -2

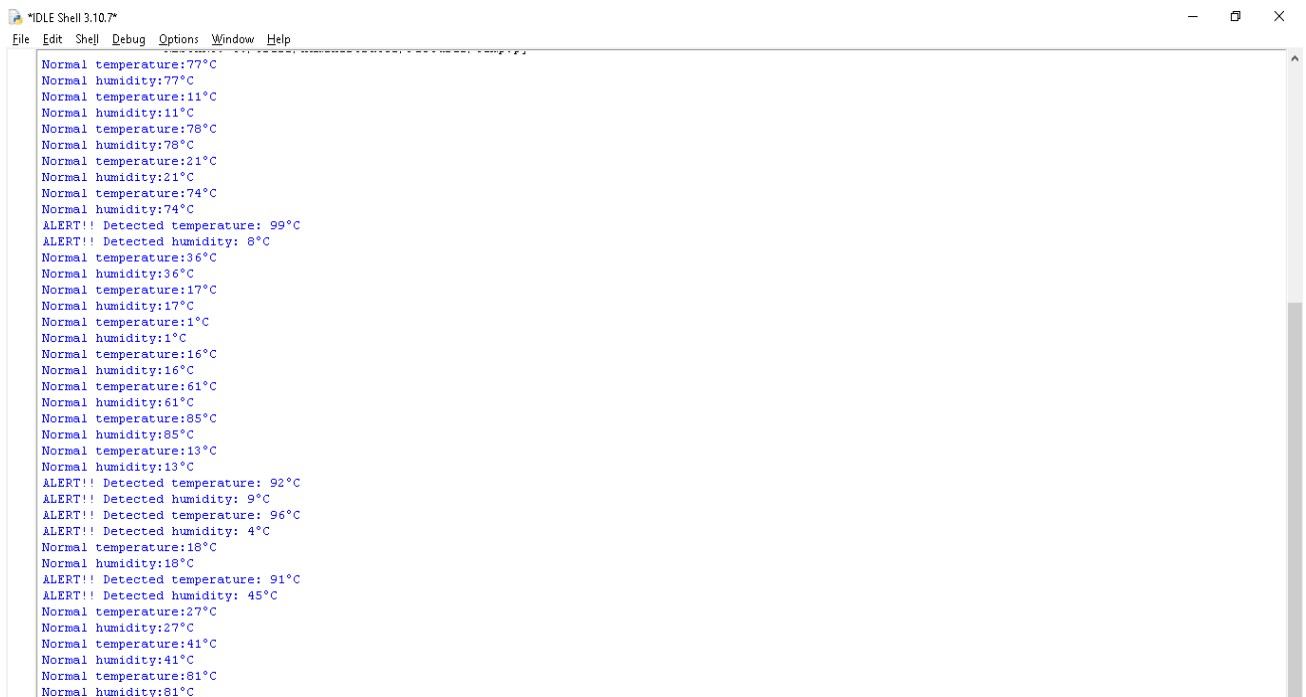| Assignment Date	24 September 2022
Student Name	SARAVANAKUMAR S
Student Roll Number	953619106063
Maximum Marks	2 Marks

Question-1:

Build a python code,Assume you 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:

```python
import random
import time

while (1):
    temp = random.randint(0, 100)
    humidity = random.randint(0, 100)
    if temp>90 or humidity>90:
        print("ALERT!! Detected temperature: "+str(temp)+"°C")
        print("ALERT!! Detected humidity: "+str(humidity)+"°C")
        time.sleep(5)
    else:
        print("Normal temperature:" +str(temp)+"°C")
        print("Normal humidity:" +str(temp)+"°C")
        time.sleep(5)
```