Assignment -2
Python
Programming

Assignment Date	30 September 2022
Project Name	Real-Time River Water Quality Monitoring and Control System
Team ID	PNT2022TMID23156
Maximum Marks	2 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.

CODE: import

random import os

for i in

range(30,70):

   h=random.randint(55,65

)

   t=random.randint(35,40)

   temp= t   humidity= h

   print(t) print(h)

   if(humidity>=65 or temp>=40):{

      print("!! HIGH ALERT !!")

} else:{

   print("Low

   ")

 }

```python
import random
import os
for i in range(30,70):
    h=random.randint(55,65)
    t=random.randint(35,40)
    temp= t
    humidity=h
    print(t)
    print(h)
    if(humidity>=65 or temp>=40 ):
        print("!! HIGH ALERT !!")
    else:
        print("Low")
```

OUTPUT:

```
65
!! HIGH ALERT !!
38
60
Low
37
55
Low
37
64
Low
36
57
Low
35
61
Low
35
64
Low
35
59
Low
```