

ASSIGNMENT-2 TEMPERATURE AND HUMIDITY VALUE

Date	28 October 2022
Team ID	PNT2022TMID47535
Student Name	K.Vishali
Register Number	910419106013

CODE:

```
main.py
1 import time
2 i=0
3 while(i<=10):
4     i=i+1
5     time.sleep(1)
6     import random
7     temperature=random.randint(0,30)
8     humidity=random.randint(1,100)
9     if temperature<=15:
10         print(temperature,"temperature is low")
11     elif temperature<=25:
12         print(temperature,"temperature is normal")
13     else:
14         print(temperature,"temperature is high")
15     if humidity<=30:
16         print(humidity,"humidity is low")
17     elif humidity<=60:
18         print(humidity,"humidity is normal")
19     else:
```

OUTPUT:

```
Shell

19 temperature is normal
58 humidity is normal
27 temperature is high
18 humidity is low
10 temperature is low
80 humidity is hihg
18 temperature is normal
91 humidity is hihg
9 temperature is low
40 humidity is normal
30 temperature is high
58 humidity is normal
5 temperature is low
98 humidity is hihg
14 temperature is low
21 humidity is low
25 temperature is normal
36 humidity is normal
17 temperature is normal
20 humidity is low
14 temperature is low
12 humidity is low
~
```