

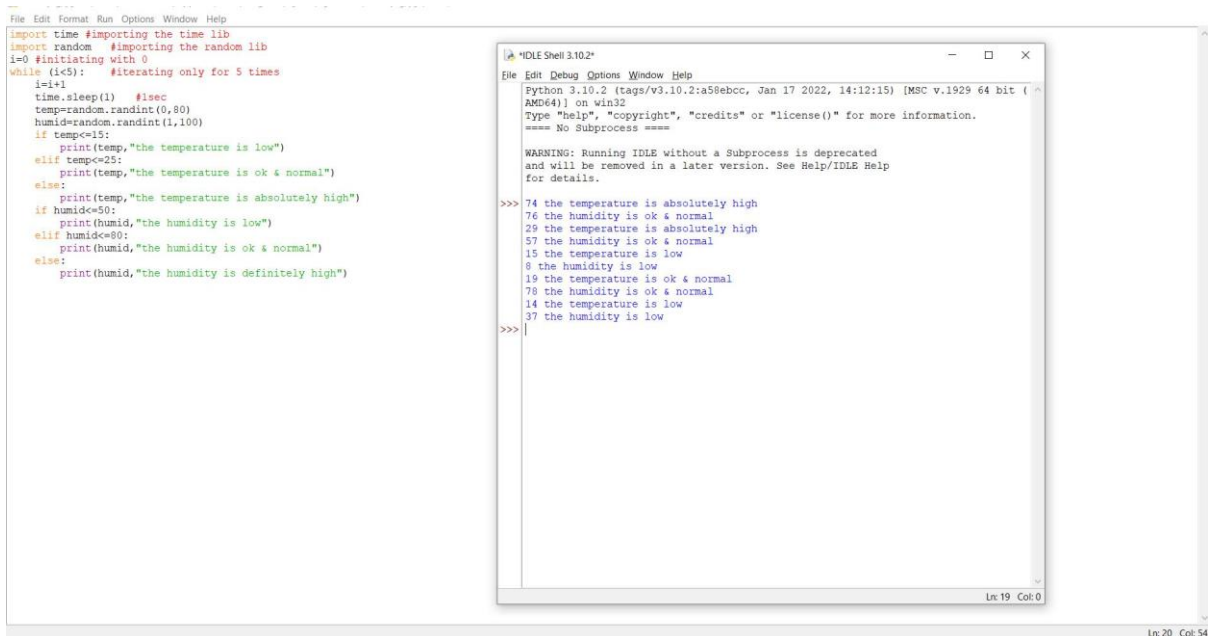
ASSIGNMENT - 2

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CODE:

```
import time #importing the time lib
import random #importing the random lib
i=0 #initiating with 0
while (i<5): #iterating only for 5 times
    i=i+1
    time.sleep(1) #1sec
    temp=random.randint(0,80)
    humid=random.randint(1,100)
    if temp<=15:
        print(temp,"the temperature low")
    elif temp<=25:
        print(temp,"the temperature is okay & normal")
    else:
        print(temp,"the temperature is high")
    if humid<=50:
        print(humid,"the humidity is low")
    elif humid<=80:
        print(humid,"the humidity is okay & normal")
    else:
        print(humid,"the humidity is high")
```



The screenshot shows an IDE window titled "IDLE Shell 3.10.2". The left pane contains the Python code from the assignment. The right pane shows the output of the program, which is a list of 10 lines of data generated by the code. The output is as follows:

```
>>> 74 the temperature is absolutely high
76 the humidity is ok & normal
29 the temperature is absolutely high
57 the humidity is ok & normal
15 the temperature is low
8 the humidity is low
19 the temperature is ok & normal
78 the humidity is ok & normal
14 the temperature is low
37 the humidity is low
>>>
```