ASSIGNMENT 2

Assignment date	28/09/2022
Student name	HEMALATHA S
Roll number	920219106010
Maximum marks	02

Question :
    Build a python code, to get temperature and humidity values and writte a condition to continuously detect alarm in case of high temperature.

Solution:

```
import requests
Import random
from time import*
gate=true
while(gate):
temperature=random.randint(15,50)
humidity=random.randint(10,40)
if temperature>40 and humidity<50:
print("Temperature=",temperature,"Humidity=",humidity)
print("Alert message in activate")
gate=false
else:
print("Temperature=",temperature,"Humidity=",humidity)
sleep(1)
```

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main.py   Shell

```python
1  import requests
2  import random
3  from time import*
4  gate=True
5  while(gate):
6    temperature=random.randint(15,50)
7    humidity=random.randint(10,40)
8    if temperature>40 and humidity<50:
9      print("Temperature=",temperature
              ,"Humidity=",humidity)
10     print("Alert message in activate"
            )
11     gate=False
12   else:
13     print("Temperature=",temperature
              ,"Humidity=",humidity)
14   sleep(1)
15
```

Run

←   main.py   **Shell**   🌙

```
Temperature= 25 Humidity= 37
Temperature= 19 Humidity= 16
Temperature= 47 Humidity= 22
Alert message in activate
>
```