

Assignment-2

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.

```
import random
import time
while True:
    Temp=random.randint(0,108)
    Hum=random.randint(0,100)
    if(Temp>36):
        print("TEMPERATURE=",Temp)
        print("HUMIDITY=",Hum)
        print("HIGH TEMPERATURE")
        print("TURN ALARM ON")
        print('\n')
    else:
        print("TEMPERATURE=",Temp)
        print("HUMIDITY=",Hum)
        print("NORMAL TEMPERATURE",'\n')
    time.sleep(5)
```

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        print("TEMPERATURE=",Temp)
        print("HUMIDITY=",Hum)
        print("NORMAL TEMPERATURE",'\n')
    time.sleep(5)
```

Python 3.7.0 Shell

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```
TEMPERATURE= 39
HUMIDITY= 8
HIGH TEMPERATURE
TURN ALARM ON

TEMPERATURE= 56
HUMIDITY= 1
HIGH TEMPERATURE
TURN ALARM ON

TEMPERATURE= 92
HUMIDITY= 47
HIGH TEMPERATURE
TURN ALARM ON

TEMPERATURE= 105
HUMIDITY= 50
HIGH TEMPERATURE
TURN ALARM ON

TEMPERATURE= 93
HUMIDITY= 43
HIGH TEMPERATURE
TURN ALARM ON

TEMPERATURE= 0
HUMIDITY= 25
NORMAL TEMPERATURE

TEMPERATURE= 5
HUMIDITY= 77
NORMAL TEMPERATURE
```

Ln: 5 Col: 0