ASSIGNMENT-2

Assignment Date	18 October 2022
Student Name	J.E Vijay
Student Roll Number	73151921059
Maximum Marks	2 Marks

QUESTION-1:

Build a python code, Assume u get temperature and humidity values (generated with a random function to a variable) and write a condition to detect an alarm in case of high temperature continuously.

CODE:

```
import random

while(True):

temperature=random.randint(12,100)

humidity=random.randint(12,100);


print("TEMPERATURE=",temperature)

print("HUMIDITY=",humidity)


temperature_temp=50

humidity_temp=60


if temperature > temperature_temp and humidity < humidity_temp:

print("Alarm on")

else:

print("Alarm off")

break
```

Sample output 1:

TEMPERATURE = 43

HUMIDITY = 21

Alarm off

Sample output 2:

TEMPERATURE = 65

HUMIDITY = 14

Alarm on