ASSIGNMENT II

Name: Awinstan G

Register Number: 718019L105

DOMAIN: IOT

TOPIC:

 Build a python code, and assume you get Temperature and Humidity values. Write a condition to detect alarms in case of high temperature continuously.

CODE:

```python
import random
while(1):
    T=random.randint(0,50)
    H=random.randint(0,50)
    if(T>=40):
        print("High temperature %d",T,"Alarm is on")
    elif(T<40):
        print("Normal temperature %d",T,"Alarm is off")
        break
```

OUTPUT:

```python
9   import random

11  while(1):
12      T=random.randint(0,50)
13      H=random.randint(0,50)

15      if(T>=40):
16          print("High temperature %d",T,"Alarm is on")

18      elif(T<40):
19          print("Normal temperature %d",T,"Alarm is off")
20          break
```

input

```
High temperature %d 46 Alarm is on
Normal temperature %d 4 Alarm is off
```