

ASSIGNMENT II

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.

DOMAIN: IOT

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CODE:

```
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
```

```
9  import random
10
11 while(1):
12     T=random.randint(0,50)
13     H=random.randint(0,50)
14
15     if(T>=40):
16         print("High temperature %d",T,"Alarm is on")
17
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
```