# <u>IBM</u> <u>ASSIGNMENT –</u> <u>2</u>

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#### **ASSIGNMENT QUESTION:**

Build a python code, assume you 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.

### **PYTHON CODE:**

```
import random from time import sleep
```

#### while True:

```
temperature=round(random.uniform(1 0, 50),2)
humidity=round(random.uniform(10, 100),2)
print("\nTemperature =",
temperature,"degree celsius")print("Humidity
= ",humidity,"%") if(temperature>32):
    print("STATE : ALARM ON")
else:
    print("STATE : ALARM OFF")
sleep(5)
```

## **EXECUTION RESULT**

# Output

