

## **Code :**

### **main.py**

```
import random

# Set the threshold values for temperature and humidity
TEMP_THRESHOLD = 85 # degrees Celsius
HUMIDITY_THRESHOLD = 45 # percent

# Generate a random temperature value between 0 and 100 degrees Celsius
temperature = random.uniform(0, 100)
print("Temperature:", temperature)
```

```
# Generate a random humidity value between 0 and 100 percent
humidity = random.uniform(0, 100)
print("Humidity:", humidity)
```

```
# Check if either temperature or humidity is above the threshold
if temperature > TEMP_THRESHOLD:
    print("High temperature alarm!")
if humidity > HUMIDITY_THRESHOLD:
    print("High humidity alarm!")
```

