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Problem statement: Build Python code, Generate Temperature and Humidity values (Use Random function to generate values) and write a condition to detect an alarm in case of high temperature and high Humidity.

Python Code:

```
import random
temperature = random.uniform(0, 45)
humidity = random.uniform(0, 100)
temperature_threshold = 28
humidity_threshold = 55
if temperature > temperature_threshold and humidity > humidity_threshold:
    print("ALARM: High temperature and humidity detected!")
else:
    print("Temperature:", temperature, "°C")
    print("Humidity:", humidity, "%")
```

Python Code with output:

