Assignment -2
Python Programming

Assignment Date	15 September 2022
Student Name	Mr. GOWTHAM R
Student Roll Number	GCTC1914112
Maximum Marks	2 Marks

Question-1:

Build a python code, Assume u 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

SOLUTION:

```python
import
random
    import time

    while (1):
        temp = random.randint(0, 100)
        humidity = random.randint(0, 100)
        if temp>60:
            print("ALERT!! Detected temperature: "+str(temp)+"°C")
            time.sleep(1)
```

OUTPUT:

```
ALERT!! Detected temperature: 100°C
ALERT!! Detected temperature: 67°C
ALERT!! Detected temperature: 83°C
ALERT!! Detected temperature: 86°C
ALERT!! Detected temperature: 70°C
ALERT!! Detected temperature: 73°C
ALERT!! Detected temperature: 81°C
ALERT!! Detected temperature: 65°C
ALERT!! Detected temperature: 87°C
ALERT!! Detected temperature: 75°C
```