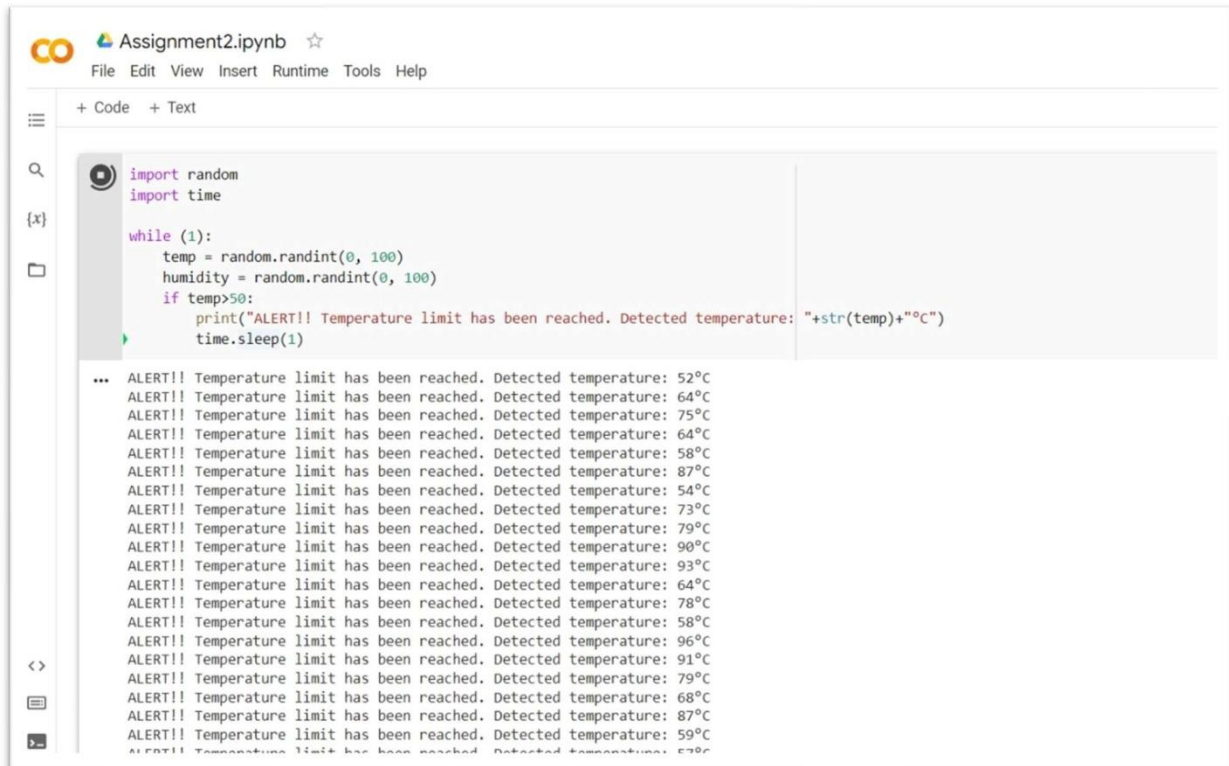# ASSIGNMENT-2

**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**

**Source Code:**

```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 Window:

**Assignment2.ipynb** ☆

File  Edit  View  Insert  Runtime  Tools  Help

+ Code   + Text

```python
import random
import time

while (1):
    temp = random.randint(0, 100)
    humidity = random.randint(0, 100)
    if temp>50:
        print("ALERT!! Temperature limit has been reached. Detected temperature: "+str(temp)+"°C")
        time.sleep(1)
```

```
ALERT!! Temperature limit has been reached. Detected temperature: 52°C
ALERT!! Temperature limit has been reached. Detected temperature: 64°C
ALERT!! Temperature limit has been reached. Detected temperature: 75°C
ALERT!! Temperature limit has been reached. Detected temperature: 64°C
ALERT!! Temperature limit has been reached. Detected temperature: 58°C
ALERT!! Temperature limit has been reached. Detected temperature: 87°C
ALERT!! Temperature limit has been reached. Detected temperature: 54°C
ALERT!! Temperature limit has been reached. Detected temperature: 73°C
ALERT!! Temperature limit has been reached. Detected temperature: 79°C
ALERT!! Temperature limit has been reached. Detected temperature: 90°C
ALERT!! Temperature limit has been reached. Detected temperature: 93°C
ALERT!! Temperature limit has been reached. Detected temperature: 64°C
ALERT!! Temperature limit has been reached. Detected temperature: 78°C
ALERT!! Temperature limit has been reached. Detected temperature: 58°C
ALERT!! Temperature limit has been reached. Detected temperature: 96°C
ALERT!! Temperature limit has been reached. Detected temperature: 91°C
ALERT!! Temperature limit has been reached. Detected temperature: 79°C
ALERT!! Temperature limit has been reached. Detected temperature: 68°C
ALERT!! Temperature limit has been reached. Detected temperature: 87°C
ALERT!! Temperature limit has been reached. Detected temperature: 59°C
ALERT!! Temperature limit has been reached. Detected temperature: 57°C
```