

Assignment - 2

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Python code :

```
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 :



Assignment2.ipynb ☆

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```
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
```