

Assingment-2

Problem statement:

Build a python code, assume you get the temperature and humidity values (generated with random function to a variable) and write a condition to continuously alert in case of high temperature.

CODE:

```
import random
```

```
while 1:
```

```
    a = random.randint (10, 99)
```

```
    b = random.randint (10, 99)
```

```
    if ((a > 60) | (b > 60)):
```

```
        print ("ALERT")
```

```
    else:
```

```
        print ("TEMP",a)
```

```
        print ("HUMIDITY",b)
```

```
        Break
```

main.py

```
1 import random
2 while 1:
3     a = random.randint (10, 99)
4     b = random.randint (10, 99)
5     if ((a > 60) | (b > 60)):
6         print ("ALERT")
7     else:
8
9         print ("TEMP",a)
10        print ("HUMIDITY",b)
11        break
12
```

OUTPUT:

```
ALERT
ALERT
ALERT
ALERT
TEMP 27
HUMIDITY 46
```