

## Assignment 2

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### Code:

```
import random
import time
def get_temp():
    return round(random.uniform(0,50),2) ##0 to 20 cold; 25 to 35 normal; 36
to 40 hot

def get_humidity():
    return round(random.uniform(30,80),2) ##30 to 40 low; 40 to 60 normal; 60
to 80 high

while True:
    temperature=get_temp()
    humidity = get_humidity()
    print('Temperature ',temperature,'°C')
    print('Humidity ',humidity,'%')
    if temperature>35:
        print('!!ALERT!! The temperature is high!!.')
    time.sleep(5)
```

### Output:

```
Temperature 47.64 °C
Humidity 46.23 %
!!ALERT!! The temperature is high!!
Temperature 1.97 °C
Humidity 34.6 %
Temperature 11.51 °C
Humidity 38.47 %
```