# Assignment 2

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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

## Code:

```python
import random
from time import *
gate=True
while(gate):
    t = random.randint(0,50)
    h = random.randint(10,50)
    if t>45 and h<40:
        print("Temperature =",t,"Humidity =",h)
        print("ALARM ON")
        gate=False
    else:
        print("Temperature =",t,"Humidity",h)
    sleep(1);
```

# Output:

Temperature = 0 Humidity 38

Temperature = 27 Humidity 49

Temperature = 18 Humidity 30

Temperature = 36 Humidity 39

Temperature = 23 Humidity 40

Temperature = 24 Humidity 25

Temperature = 10 Humidity 40

Temperature = 17 Humidity 30

Temperature = 37 Humidity 40

Temperature = 5 Humidity 42

Temperature = 48 Humidity = 21

ALARM ON