

## ASSIGNMENT 2

### PYTHON CODE

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Build a python code, Assume you 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.

```
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 = 27 Humidity 38

Temperature = 36 Humidity 39

Temperature = 23 Humidity 40

Temperature = 24 Humidity 25

Temperature = 10 Humidity 40

Temperature = 17 Humidity 30

Temperature = 17 Humidity 35

Temperature = 48 Humidity = 16

ALARM ON

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