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

"""