

Assignment-2

Date	25 September 2002
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Maximum Marks	2Marks

Question-1

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.

Solution:

```
import random
from time import*
gate=False
while(gate==False):
    Temperature=random.randint(0,200)
    Humidity=random.randint(0,200)
    if Temperature>10 and Humidity<50:
        print("Temperature=",Temperature,"Humidity=",Humidity)
        print("Alarm On")
        gate=True
```

Output:

```
Temperature= 126 Humidity= 40
Alarm On
```

