

Assignment -2
Python Programming

Assignment Date	15 September 2022
Student Name	Mr. GOWTHAM S
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Maximum Marks	2 Marks

Question-1:

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

SOLUTION:

```
import
random

import time

while (1):
    temp = random.randint(0, 100)
    humidity = random.randint(0, 100)
    if temp>60:
        print("ALERT!! Detected temperature: "+str(temp)+"°C")
        time.sleep(1)
```

OUTPUT:

```
ALERT!! Detected temperature: 100°C
ALERT!! Detected temperature: 67°C
ALERT!! Detected temperature: 83°C
ALERT!! Detected temperature: 86°C
ALERT!! Detected temperature: 70°C
ALERT!! Detected temperature: 73°C
ALERT!! Detected temperature: 81°C
ALERT!! Detected temperature: 85°C
ALERT!! Detected temperature: 87°C
ALERT!! Detected temperature: 75°C
```