

Assignment -2
Python Programming

Assignment Date	27 September 2022
Student Name	Ms. Charulatha S
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Maximum Marks	2 Marks

Question-1:

Build a python code, assume you get temperature and humidity values and write a condition to continuously detect alarm in case of high temperature.

Solution:

Code:

```
import random,time

while 1:

    temp = random.randint(-20,50);

    humidity = temp = random.randint(0,100);

    if(temp>35):

        print("High Temperature")

    if(temp<35):

        print("Normal Temperature")

    time.sleep(1)
```

Output:

```
High Temperature
Normal Temperature
Normal Temperature
High Temperature
Normal Temperature
Normal Temperature
Normal Temperature
High Temperature
Normal Temperature
High Temperature
Normal Temperature
High Temperature
High Temperature
High Temperature
High Temperature
Normal Temperature
High Temperature
High Temperature
Normal Temperature
```