

Assignment -2
Python Programming

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| Assignment Date | 27 September 2022 |
| Student Name | Mr. Gopalakrishnan T |
| Student Roll Number | 310619106038 |
| 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
```