

Assignment -2
Python Programming

Assignment Date	2 October 2022
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Maximum Marks	2 Marks

Question-1:

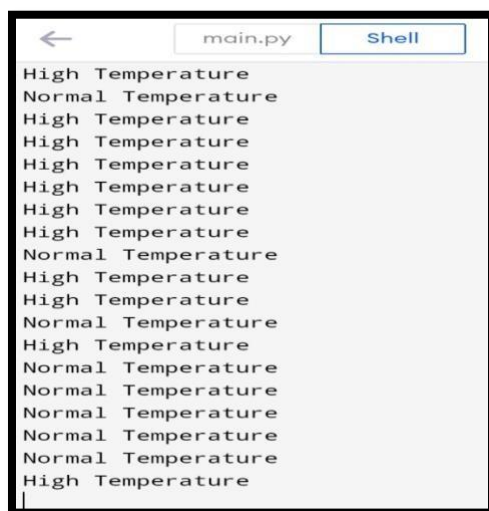
Build a python code, assume u get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

Solution:

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:



```
← main.py Shell
High Temperature
Normal Temperature
High Temperature
High Temperature
High Temperature
High Temperature
High Temperature
High Temperature
Normal Temperature
High Temperature
High Temperature
Normal Temperature
High Temperature
Normal Temperature
Normal Temperature
Normal Temperature
Normal Temperature
Normal Temperature
High Temperature
```