

Assignment -1
Python Programming

Assignment Date	27 September 2022
Student Name	SHAMKUMAR S
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Maximum Marks	2 Marks

QUESTION 1:

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

Python code:

```
import random
import time
while True:
    tem=random.randint(20,90)
    hum=random.randint(20,90)

    if tem>=80:
        print(temp)
        print("High temperature is detected")
    elif tem==50:
        print("maximum threshold is reached")
    else:
        print("temperature is Low")
    if hum>=70:
        print("high humidity")
    else:
        print("low humidity")
    time.sleep(5)
```

Output:

