

ASSIGNMENT-2

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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.

Python code:

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

