

ASSIGNMENT 2

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

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STUDENT NAME	HARISH A
STUDENT ROLL NUMBER	917719C031
MAXIMUM MARKS	2 MARKS

```
import random
import time
while True:
    Temperature = random.randint(0,150)
    Humidity = random.randint(0,100)

    if Temperature > 100 and Humidity > 80:
        print("Temperature : " + str(Temperature))
        print("Humidity : " + str(Humidity))
        print("Temperature and Humidity is High")
        print("Alarm On !!!")
        print(" ")
        time.sleep(2)
    else:
        print("Temperature : " + str(Temperature))
        print("Humidity : " + str(Humidity))
        print("Range is Normal")
        print(" ")
```