

Assignment -2
Python Programming

Assignment Date	17 November 2022
Student Name	G.Karthika
Student Roll Number	815819104011
Maximum Marks	2 Marks

Question-1:

Build python code, Assume you 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
import time
```

```
while True:
    temp = random.randint(1,200)
    humidity = random.randint(1,100)
    print("Checking Temperature:{temp1}C \n Checking Humidity:{humidity1}F".format(temp1=temp,humidity1=humidity))
    if temp>=80:
```

```
print("Temperature is {temp2}C \n Alarm Detected...".format(temp2=temp))
time.sleep(10)
else:
print("Temperature is low")
```