

Assignment -2
Python Programming

Assignment Date	20 September 2022
Student Name	Goutham G
Student Roll Number	212219060092
Maximum Marks	2 Marks

Question-1:

Build a 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:

```
import random
```

```
def temperature():  
    value=random.randint(25,100)  
    #print(value)  
    return value
```

```
t=temperature()
```

```
def humidity():  
    range=random.randint(40,100)  
    #print(range)  
    return range
```

```
h=humidity()
```

```
#for temperature
```

```
if t>30:  
    print("High temperature detetcted")  
elif t==30:  
    print("Temperature reached maximum threshold of 30 degrees celsius")
```

```
else:  
    print("Temperature is good")
```

```
#for Humidity
```

```
if h>65 :  
    print("High humidity detetcted")  
elif t == 65:  
    print("Humidity reached maximum threshold of 65 percent")  
else:  
    print("Humidity is good")
```

