

IBM - NALAYA THIRAN PROJECT

ASSIGNMENT – 2

TITLE: Signs with Smart Connectivity for Better Road Safety

TEAM MEMBERS:

Soundaryalaxmi B – 718020L416

Madhumitha K – 718020L407

Deepak Appa Rao – 718020L404

Kanisha R – 718019L120

QUESTION: 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.

SOURCE CODE:

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

```
import random
import time

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

```
ALERT!! WARNING!! Detected temperature: 61°C
ALERT!! WARNING!! Detected temperature: 72°C
ALERT!! WARNING!! Detected temperature: 75°C
ALERT!! WARNING!! Detected temperature: 67°C
ALERT!! WARNING!! Detected temperature: 76°C
ALERT!! WARNING!! Detected temperature: 94°C
ALERT!! WARNING!! Detected temperature: 80°C
ALERT!! WARNING!! Detected temperature: 71°C
ALERT!! WARNING!! Detected temperature: 91°C
ALERT!! WARNING!! Detected temperature: 72°C
ALERT!! WARNING!! Detected temperature: 86°C
ALERT!! WARNING!! Detected temperature: 84°C
ALERT!! WARNING!! Detected temperature: 61°C
ALERT!! WARNING!! Detected temperature: 90°C
ALERT!! WARNING!! Detected temperature: 61°C
```