## Assignment - 2

## **Python programming**

Assignment Date	27 September 2022
Student Name	Kavinkumar K
Student Roll Number	910019106019
Maximum marks	2 Marks

## 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?

## **Solution:**

import random

import time

while(1):

```
temp=random.randint(10,200)
```

humidity=random.randint(10,200)

if temp>150:

```
print("ALERT!! detected temperature :"+str(temp)+".c")
```

if humidity<100:

print("the humidity values:"+str(humidity)+"%")

time.sleep(2)

```
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ALERT!! detected temperature :181.c

ALERT!! detected temperature :181.c

ALERT!! detected temperature :184.c

thumidity values:184

ALERT!! detected temperature :175.c

the humidity values:182.c

print ("ALERT!! detected temperature :175.c

the humidity values:184

ALERT!! detected temperature :184.c

thumidity values:185

ALERT!! detected temperature :184.c

the humidity values:384

ALERT!! detected temperature :184.c

ALERT!! detected temperature :184.c

ALERT!! detected temperature :185.c

ALERT!! detect
```