**Assignment -2**

Python Programming

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| Assignment Date | 21 September 2022 |
| Student Name | R.Madan Deepak |
| Student Roll Number | 815119106020 |
| 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.

CODE:

```
import random
temp = round(random.uniform(20,50))
hum = round(random.uniform(10,100))

if (temp>20 and temp<=35) and (hum>10):
   print("Temperature : {}°c".format(temp))
   print("Humidity : {}".format(hum))
   print("Low Temperature")
   print("Alarm Off")
elif(temp>35 and temp<=40) and (hum>10):
   print("Temperature : {}°c".format(temp))
   print("Humidity : {}".format(hum))
   print("High Temperature")
   print("Alarm On")
elif(temp>40 and temp<=50) and (hum>10):
   print("Temperature : {}°c".format(temp))
   print("Humidity : {}".format(hum))
   print("very High in Temperature")
   print("Alarm On")
```

PROGRAM:

OUTPUT: