**Assignment -2**

**TEAM ID :**
PNT2022TMID33
748

| Assignment Date | 03 October 2022 |
|---|---|
| Student Name | PEMALATHA S |
| Student Roll Number | 922519205076 |
| Maximum Marks | 2 Marks |

**Question-1:**

**Build a python code, assume u get temperature and humidity values (generated with randomfunction to a variable) and write a condition to continuously detect alarm in case of high temperature.**

| Solution: |
|---|
| import random |
| while(True): |
|   a=random.randint(10,99) |
|   b=random.randint(10,99) |
|   if(a>35 and b>60): |
|     print("high temperature and humidity of",a,b,"%","alarm is on") |
|   elif(a<35 and b>60): |
|     print("normal temperature and humidity of ",a,b,"%","alarm is off") |
|     break |
| |
| |
| |
| |
| |
| |
| |
| |

```python
import random
while(True):
    a=random.randint(10,99)
    b=random.randint(10,99)
    if(a>35 and b>60):
        print("high temperature and humidity of",a,b,"%","alarm is on")
    elif(a<35 and b>60):
        print("normal temperature and humidity of ",a,b,"%","alarm is off")
        break
```