

## Smart Waste Management System For Metropolitan Cities

### ASSIGNMENT - 02

#### **#Code**

```
import random

from time import *

gate=True

while(gate):

    t=random.randint(0,50)

    h=random.randint(10,50)

    if t>45 and h<40:

        print("Temperature=",t,"Humidity=",h)

        print("ALARM ON")

        gate=False

    else:

        print("Temperature=",t,"Humidity=",h)

    sleep(1)
```

#### **#output**

```
Temperature= 12 Humidity= 32
Temperature= 3 Humidity= 24
Temperature= 4 Humidity= 34
Temperature= 9 Humidity= 30
Temperature= 30 Humidity= 23
Temperature= 13 Humidity= 22
Temperature= 41 Humidity= 19
Temperature= 14 Humidity= 33
Temperature= 21 Humidity= 49
Temperature= 2 Humidity= 26
Temperature= 0 Humidity= 49
Temperature= 5 Humidity= 29
Temperature= 47 Humidity= 31
ALARM ON
```