

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= 2 Humidity= 19
Temperature= 39 Humidity= 43
Temperature= 7 Humidity= 48
Temperature= 14 Humidity= 43
Temperature= 1 Humidity= 28
Temperature= 29 Humidity= 50
Temperature= 3 Humidity= 32
Temperature= 39 Humidity= 25
Temperature= 23 Humidity= 15
Temperature= 35 Humidity= 27
Temperature= 14 Humidity= 17
Temperature= 11 Humidity= 21
Temperature= 29 Humidity= 28
```

Temperature= 22 Humidity= 10

Temperature= 19 Humidity= 30

Temperature= 49 Humidity= 40

Temperature= 42 Humidity= 50

Temperature= 50 Humidity= 43

Temperature= 32 Humidity= 43

Temperature= 30 Humidity= 22

Temperature= 46 Humidity= 23

ALARM ON