

ASSIGNMENT 2
BATCH NO : B1 – 1M3E
TEAM LEADER
NAME : HEMALATHA.R

PROGRAM:

```
import random
import time

while True;

    temp = random.randint(-500,500)
    humid = random.randint(0,100)

    if temp > 100 & humid >55;

        print("Temperature :",temp,"\nWARNING : Temperature is high !!!!!")
        print("Humidity :",humid,"\nWARNING :Humidity is high !!!!!")
        print ("\n")

    elif temp > 100 & humid < 55;

        print("Temperature :",temp,"\nWARNING : Temperature is high !!!!!")
        print("Humidity :",humid,"\nNORMAL Humidity")
        print ("\n")

    elif temp < 100 & humid > 55;

        print("Temperature :",temp,"\nNORMAL Temperature")
        print("Humidity :",humid,"\nWARNING : Humidity is high !!!!!")
        print ("\n")

    else;

        print("Temperature :",temp,"\nNORMAL Temperature")
        print("Humidity :",humid,"\nNORMAL Humidity")
        print ("\n")
```

time.sleep(1)

OUTPUT :

Temperature : 290

WARNING : Temperature is high !!!!!

Humidity : 33

NORMAL Humidity

Temperature : 263

WARNING : Temperature is high !!!!!

Humidity : 29

NORMAL Humidity

Temperature : -187

NORMAL Temperature

Humidity : 27

NORMAL Humidity

Temperature : 455

WARNING : Temperature is high !!!!!

Humidity : 94

WARNING : Humidity is high !!!!!

