

Assignment 2

Python Code:

```
import random
import time
while True:
    temp= random.randint(0,150)
    print("Temperature= ",temp,'C')
    if (temp>=100):
        print("HIGH TEMPERATURE")
        print("Alarm ON")
    else:
        print("NORMAL TEMPERATURE")
    hum= random.randint(0,100)
    print("Humidity= ",hum,"%")
    time.sleep(3)
    print("\n")
```

Output:

```
Temperature=  11 C
NORMAL TEMPERATURE
Humidity=  95 %
```

```
Temperature=  59 C
NORMAL TEMPERATURE
Humidity=  95 %
```

```
Temperature=  0 C
NORMAL TEMPERATURE
Humidity=  18 %
```

Temperature= 76 C
NORMAL TEMPERATURE
Humidity= 33 %

Temperature= 140 C
HIGH TEMPERATURE
Alarm ON
Humidity= 42 %

Temperature= 85 C
NORMAL TEMPERATURE
Humidity= 58 %

Temperature= 76 C
NORMAL TEMPERATURE
Humidity= 58 %