

## ASSIGNMENT-2

```
import random
temp=random.randint(10,100)
print("Temperature is",temp)
humid=random.randint(10,100)
print("Humidity is",humid)
threshold=30
if(temp>threshold):
    if(temp>40):
        print("Temperature is very high")
        print("Alarm is detected")
    else:
        print("Temperature is above threshold")
elif(temp<=30)and(temp>25):
    print("Normal temperature")
else:
    print("Low temperature")
```

### OUTPUT:

Temperature is 69

Humidity is 71

Temperature is very high

Alarm is detected

Temperature is 11

Humidity is 73

Low temperature

Temperature is 27

Humidity is 45

Normal temperature