

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 32
Humidity is 14
Temperature is above threshold

Temperature is 66
Humidity is 71
Temperature is very high
Alarm is detected

Temperature is 16

Humidity is 25

Low temperature