

ASSIGNMENT-2

PROGRAM:

```
import random
while(True):
    a=random.randint(18,99)
    b=random.randint(10,99)
    if(a>35 and b>60):
        print("high temperature and humidity of:",a,b,"%","alarm is on")
    elif(a<35 and b<60):
        print("normal temperature and humidity of:",a,b,"%","alarm is off")
    break
```

OUTPUT:

```
high temperature and humidity of: 56 70 % alarm is on
high temperature and humidity of: 48 68 % alarm is on
high temperature and humidity of: 65 81 % alarm is on
normal temperature and humidity of: 22 40 % alarm is off
```