

```
import random
temp = random.randint(30,150)
hum random.randint(40,100)
print("Generated temperature: ",temp)
print("Generated humidity: ",hum)
if (temp > 60) and (hum > 55):
print("Alarm ON, both temperature and humidity is higher") 11 elif (temp < 60) and (hum < 55):
print("Alarm OFF, both temp and humidity is lower")
elif (temp > 60) or (hum < 55):
print("Alarm ON, temperature is high")
elif (temp < 60) or (hum > 55): print("Alarm ON, humidity is high")
```

Output :

Generated temperature: 146

Generated humidity: 82

Alarm ON, both temperature and humidity is higher