

## Industry – specific Intelligent fire management system

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```
import random

while(True):

    temperature =random.randint(10,99)

    humidity =random.randint(10,99)

    print("current temperature:",temperature)

    print("current humidity:",humidity,"%")

    temperature_ref =29

    humidity_ref =20









    if temperature > temperature_ref and humidity < humidity_ref:

        print("Alarm On")

    else:

        print("Alarm off")

    break
```



main.py

Run

```
1 # Online Python compiler (interpreter) to run Python online.
2 import random
3 while(True):
4     temperature=random.randint(10,99)
5     humidity=random.randint(10,99)
6     print("current temperature:",temperature)
7     print("current humidity:",humidity,"%")
8     temperature_ref=29
9     humidity_ref=20
10    if temperature>temperature_ref and humidity<humidity_ref:
11        print("Alarm On")
12    else:
13        print("Alarm off")
14    break
```

Shell

Clear

current temperature: 77  
current humidity: 10 %  
Alarm On  
>