```
import random
from time import sleep

temp = 0.0
hum = 0.0


while(True):
    #here the temperature is considered in celsius
    temp = random.random()*100
    #humidity is considerd in percentage , the amount of water contained in per cubic meter of air
    hum = random.random()*100


    if(temp > 40 and hum < 30 ):
        print()
        print("ALERT 🌡️ Temperature is high")
        print("Temperature : {:.2f} ".format(temp))
        print("Humidity : {:.2f} ".format(hum))
        print()
    elif(temp < 20 and hum > 50):
        print()
        print("ALERT ❄️ Temperature is low")
        print("Temperature : {:.2f} ".format(temp))
        print("Humidity : {:.2f} ".format(hum))
        print()
    elif((temp >40 and temp >20) and (hum <50 and hum > 30)):
        print()
        print("Normal 🌍 ")
        print("Temperature : {:.2f} ".format(temp))
        print("Humidity : {:.2f} ".format(hum))
```

```
    print()
else:

    print("Sensing.....")
sleep(1)
```