CODE :

```python
#Nalaiyathiran :
import random
while(True):
    temp=random.randint(10,100)
    humid=random.randint(10,100)
    print("Current temperature :",temp)
    print("Current humidity :",humid,"%")
    print("Enter the Temperature Value: ")
    temp_ref= int(input())
    print("Enter the Humidity Value: ")
    humid_ref= int(input())
    if temp>temp_ref and humid<humid_ref:
        print("Alarm Sound ON")
    else:
        print("Alarm Sound OFF")
    break
```

OUTPUT: