PROGRAM

```
 import random
while(True):
    temp=random.randint(10,99)
    humid=random.randint(10,99)
    print("current temperature : ", temp)
    print("current humidity : ", humid,"%")
    temp_ref=45
    humid_ref=36
   if temp>temp_ref and humid<humid_ref:
         print("sound alarm")
    else :
        print("sound off")
   break
```

Schematic Output:

program.j.py - C:/Users/Bhrintha/Desktop/program.j.py (3.8.0)

File Edit Format Run Options Window Help

```python
import random

while(True):
    temp=random.randint(10,99)
    humid=random.randint(10,99)
    print("current temperature:",temp)
    print("current humidity:",humid, "%")
    temp_ref=45
    humid_ref=36
    if temp>temp_ref and humid<humid_ref:
        print("sound alarm")
    else:
        print("sound off")
    break
```

Python 3.8.0 Shell

File Edit Shell Debug Options Window Help

```
Python 3.8.0 (tags/v3.8.0:fa919fd, Oct 14 2019, 19:21:23) [MSC v.1916 32 bit
tel)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
================ RESTART: C:/Users/Bhrintha/Desktop/program.j.py ===========
current temperature: 15
current humidity: 13 %
sound off
>>>
```