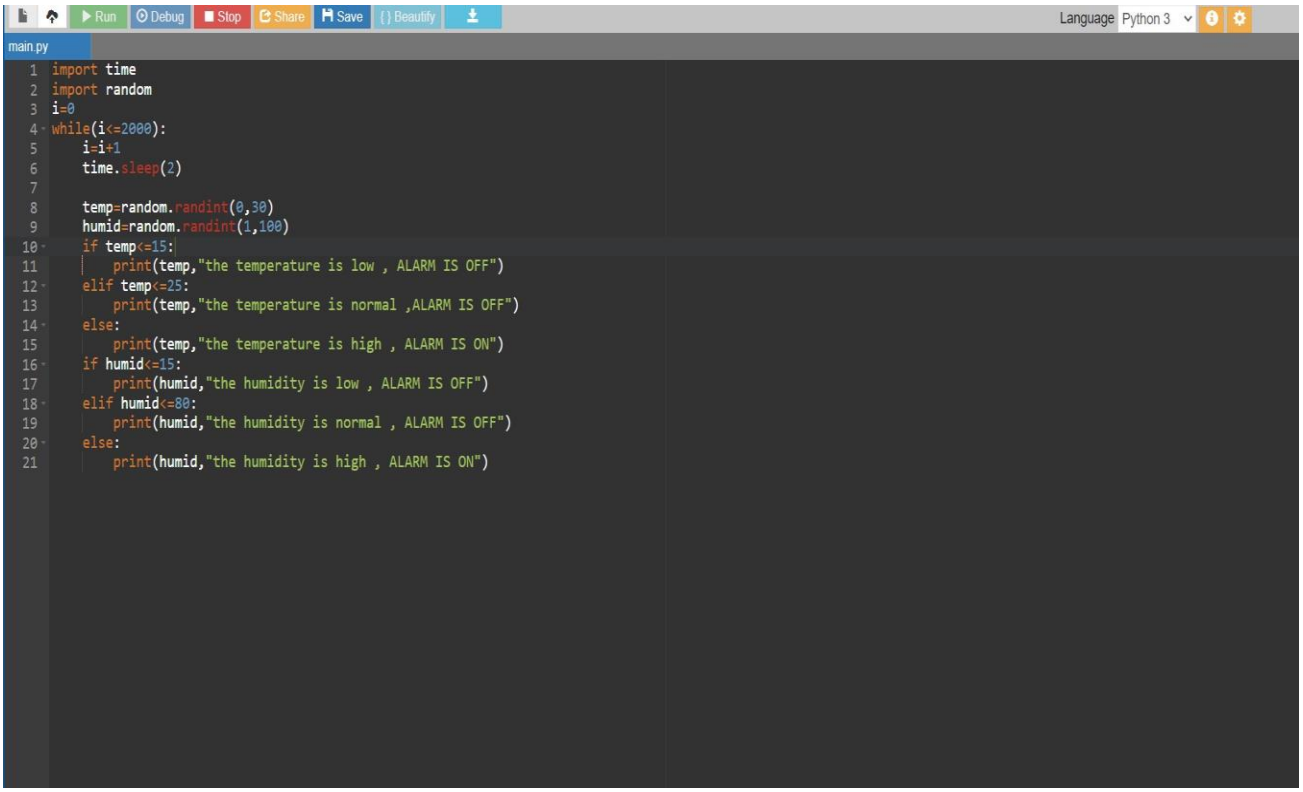
GAS LEAKAGE MONITORING AND ALERTING SYSTEM FOR INDUSTRIES

ASSIGNMENT-2

PROBLEM STATEMENT:

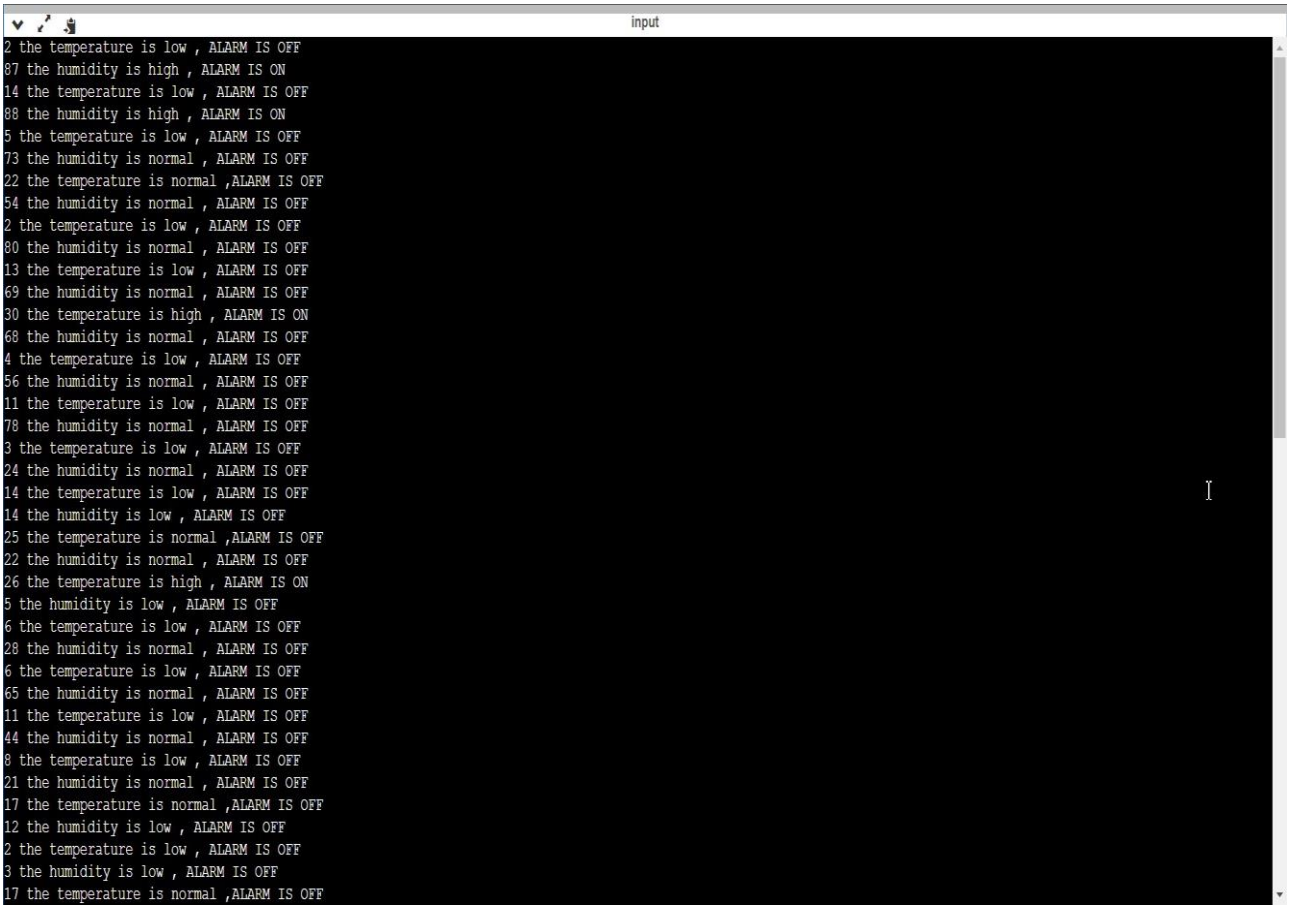
Build a python code, Assume you get temperature and humidity values (generated with random function to a variable) and write a condition to continuously detect alarm in case of high temperature.

SOURCE CODE:



OUTPUT:

S


input
2 the temperature is low , ALARM IS OFF
87 the humidity is high , ALARM IS ON
14 the temperature is low , ALARM IS OFF
88 the humidity is high , ALARM IS ON
5 the temperature is low , ALARM IS OFF
73 the humidity is normal , ALARM IS OFF
22 the temperature is normal ,ALARM IS OFF
54 the humidity is normal , ALARM IS OFF
2 the temperature is low , ALARM IS OFF
80 the humidity is normal , ALARM IS OFF
13 the temperature is low , ALARM IS OFF
69 the humidity is normal , ALARM IS OFF
30 the temperature is high , ALARM IS ON
68 the humidity is normal , ALARM IS OFF
4 the temperature is low , ALARM IS OFF
56 the humidity is normal , ALARM IS OFF
11 the temperature is low , ALARM IS OFF
78 the humidity is normal , ALARM IS OFF
3 the temperature is low , ALARM IS OFF
24 the humidity is normal , ALARM IS OFF
14 the temperature is low , ALARM IS OFF
14 the humidity is low , ALARM IS OFF
25 the temperature is normal ,ALARM IS OFF
22 the humidity is normal , ALARM IS OFF
26 the temperature is high , ALARM IS ON
5 the humidity is low , ALARM IS OFF
6 the temperature is low , ALARM IS OFF
28 the humidity is normal , ALARM IS OFF
6 the temperature is low , ALARM IS OFF
65 the humidity is normal , ALARM IS OFF
11 the temperature is low , ALARM IS OFF
44 the humidity is normal , ALARM IS OFF
8 the temperature is low , ALARM IS OFF
21 the humidity is normal , ALARM IS OFF
17 the temperature is normal ,ALARM IS OFF
12 the humidity is low , ALARM IS OFF
2 the temperature is low , ALARM IS OFF
3 the humidity is low , ALARM IS OFF
17 the temperature is normal ,ALARM IS OFF