

# ASSIGNMENT - 2

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```
import os

import random

for i in range (30,80):

    h= random.randint(65,75)

    t= random.randint(35,40)

    temp = t

    humidity = h

    print (t)

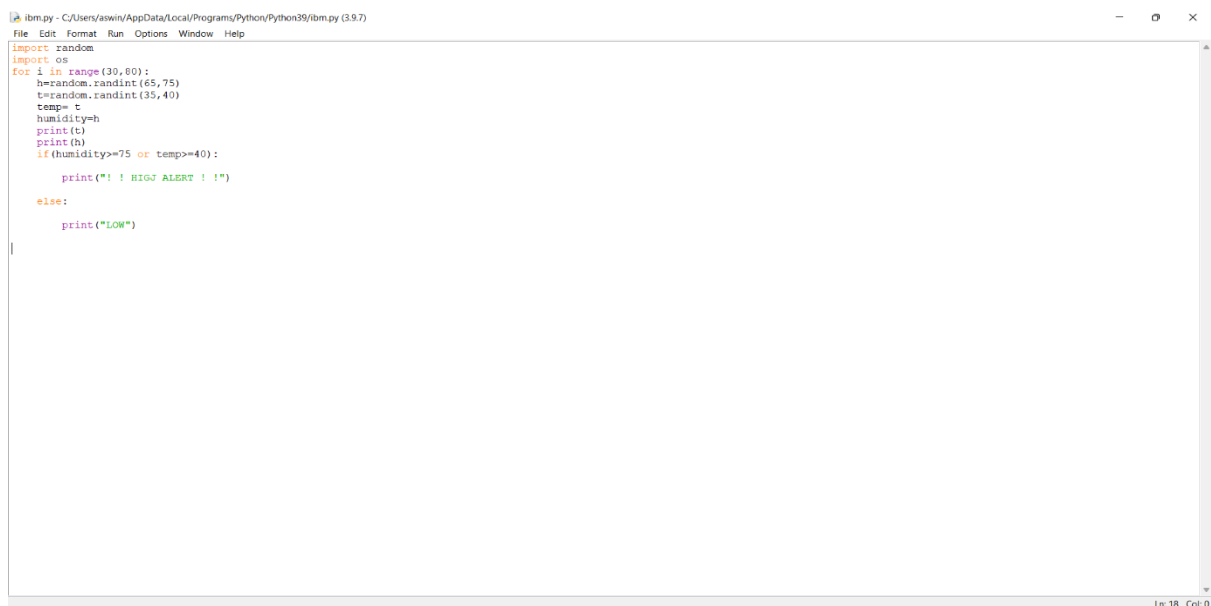
    print (h)

    if (humidity >=75 or temp >=40):

        print ("! ! HIGH ALERT ! !")

    else:

        print("LOW")
```

A screenshot of a Python IDE window titled 'ibm.py - C:/Users/aswin/AppData/Local/Programs/Python/Python39/ibm.py (3.9.7)'. The window contains the same Python code as the previous block. The code is: 

```
import random
import os
for i in range(30,80):
    h=random.randint(65,75)
    t=random.randint(35,40)
    temp= t
    humidity=h
    print(t)
    print(h)
    if(humidity>=75 or temp>=40):
        print("! ! HIGH ALERT ! !")
    else:
        print("LOW")
```

 The IDE has a menu bar with 'File', 'Edit', 'Format', 'Run', 'Options', 'Window', and 'Help'. The status bar at the bottom right shows 'Ln: 18 Col: 0'.

## OUTPUT:

```
IDLE Shell 3.9.7
File Edit Shell Debug Options Window Help
Python 3.9.7 (tags/v3.9.7:1016ef3, Aug 30 2021, 20:19:38) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
===== RESTART: C:/Users/aswin/AppData/Local/Programs/Python/Python39/ibm.py =====
40
70
!! HIGH ALERT !!
37
70
LOW
37
66
LOW
38
72
LOW
40
68
!! HIGH ALERT !!
39
75
!! HIGH ALERT !!
35
68
LOW
38
71
LOW
38
72
LOW
37
74
LOW
36
75
!! HIGH ALERT !!
36
70
LOW
40
70
!! HIGH ALERT !!
40
74
!! HIGH ALERT !!
35
```

Ln: 307 Col: 4