

```
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-assign2.py - C:/Users/htbj/AppData/Local/Programs/Python/Python310/ibm-assign2.py (3.10.1)'. The window contains the same Python code as the previous block. The code is syntax-highlighted: 'import' statements are in blue, the loop variable 'i' is in orange, and the conditional logic is in green. The IDE has a menu bar with 'File', 'Edit', 'Format', 'Run', 'Options', 'Window', and 'Help'. The status bar at the bottom right shows 'Ln 14 Col 0'.

```
ibm-assign2.py - C:/Users/htbj/AppData/Local/Programs/Python/Python310/ibm-assign2.py (3.10.1)
File Edit Format Run Options Window Help
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")
Ln 14 Col 0
```

```
IDE Shell 3.10.1
File Edit Shell Debug Options Window Help
Python 3.10.1 (tags/v3.10.1:2cd268a, Dec 6 2021, 19:10:37) [MSC v.1929 64 bit (AMD64)] on win32
Type "help", "copyright", "credits" or "license()" for more information.
>>>
> RESTART: C:/Users/itvij/AppData/Local/Programs/Python/Python310/ibm-assign2.py
35
72
LOW
35
65
LOW
39
65
LOW
37
68
LOW
38
72
LOW
35
74
LOW
35
66
LOW
39
66
LOW
35
71
LOW
38
66
LOW
35
71
LOW
40
70
1 : HIGH ALERT : 1
40
67
1 : HIGH ALERT : 1
36
69
LOW
40
75
1 : HIGH ALERT : 1
37
```