

ASSIGNMENT -2

KANNIKA.C

```
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)
```

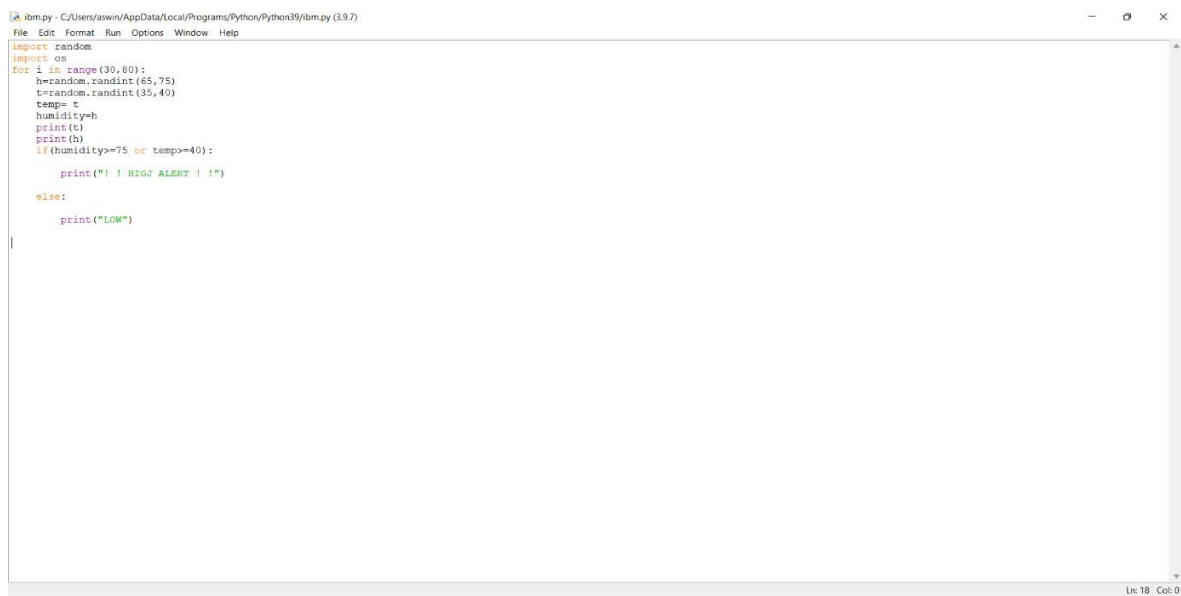
```
    print (h)
```

```
    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 blocks. The code is as follows:

```
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
!! HIGJ ALERT !!
37
70
LOW
37
66
LOW
38
72
LOW
40
68
!! HIGJ ALERT !!
39
75
!! HIGJ ALERT !!
35
68
LOW
38
71
LOW
38
72
LOW
37
74
LOW
36
75
!! HIGJ ALERT !!
36
70
LOW
40
70
!! HIGJ ALERT !!
40
74
!! HIGJ ALERT !!
35
```

Ln 307 Col 4