

## ASSIGNMENT-2

**NAME: PADMAPRIYA.P**

**TEAM ID: PNT2022TMID30034**

### PROGRAM:

while 1:

import random

a=random.randint(0,100)

b=random.randint(0,100)

print("Enter Temperature",a)

print("Enter Humidity",b)

if a>30:

if b>70:

print("Alert detected")

else:

print("High Temperature detected")

elif a==30:

print("Maximum Threshold reached")

else:

print("All good")

**OUTPUT:**

The image shows a web browser window with the Programiz Python Online Compiler. The browser's address bar shows the URL 'programiz.com/python-programming/online-compiler/'. The compiler interface has a top bar with the Programiz logo and a 'Python Online Compiler' label. On the right of this bar is a button for 'Interactive Python Course'. Below the top bar, there's a header for the current file, 'main.py', with icons for file operations and a 'Run' button. The main area is split into two panes. The left pane contains the Python code:

```
1 while 1:
2     import random
3     a=random.randint(0,100)
4     b=random.randint(0,100)
5     print("Enter Temperature",a)
6     print("Enter Humidity",b)
7     if a>30:
8         if b>70:
9             print("Alert detected")
10        else:
11            print("High Temperature detected")
12    elif a==30:
13        print("Maximum Threshold reached")
14    else:
15        print("All good")
```

The right pane shows the output of the script, which is a series of prompts and responses:

```
Enter Temperature 78
Enter Humidity 9
High Temperature detected
Enter Temperature 18
Enter Humidity 58
All good
Enter Temperature 36
Enter Humidity 63
High Temperature detected
Enter Temperature 7
Enter Humidity 76
All good
Enter Temperature 63
Enter Humidity 84
Alert detected
Enter Temperature 29
Enter Humidity 44
All good
Enter Temperature 82
Enter Humidity 61
High Temperature detected
Enter Temperature 29
Enter Humidity 16
```

At the bottom of the browser window, there's a Windows taskbar with the search bar and several application icons. A Windows watermark is visible in the bottom right corner of the taskbar area.