

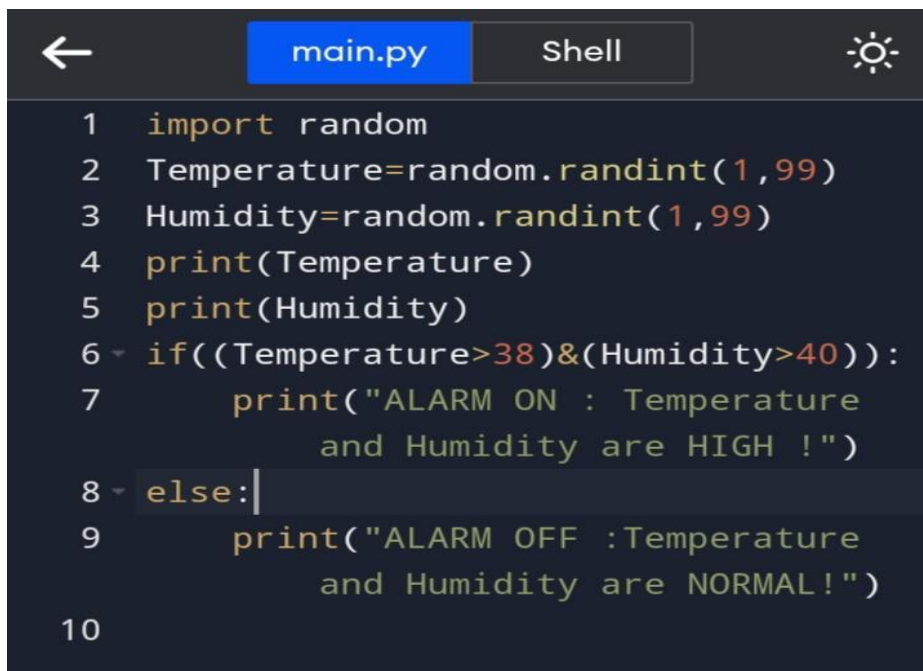
ASSIGNMENT - 2

Build a python code, Assume u 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.



PYTHON CODE

```
import random
Temperature=random.randint(1,99)
Humidity=random.randint(1,99)
print(Temperature)
print(Humidity)
if((Temperature>38)&(Humidity>40)):
    print("ALARM ON : Temperature and Humidity are HIGH !")
else:
    print("ALARM OFF :Temperature and Humidity are NORMAL!")
```



INPUT

A screenshot of a code editor interface. At the top, there is a navigation bar with a back arrow, a tab labeled 'main.py', and a 'Shell' button. To the right of the 'Shell' button is a sun icon. The main area of the editor displays the Python code from the previous block, with line numbers 1 through 10 on the left. The code is color-coded: keywords like 'import', 'if', 'else:', and 'print' are in orange, and string literals are in green. The cursor is positioned at the end of line 8, after the 'else:' statement.

```
1  import random
2  Temperature=random.randint(1,99)
3  Humidity=random.randint(1,99)
4  print(Temperature)
5  print(Humidity)
6  if((Temperature>38)&(Humidity>40)):
7      print("ALARM ON : Temperature
           and Humidity are HIGH !")
8  else:|
9      print("ALARM OFF :Temperature
           and Humidity are NORMAL!")
10
```

main.pyShell

```
96
91
ALARM ON : Temperature and Humidity are
    HIGH !
> |
```

main.pyShell

```
17
48
ALARM OFF :Temperature and Humidity are
    NORMAL!
> |
```

TEAM ID:PNT2022TMID37924

TEAM LEADER: M.K.SINDHU RESHMA

TEAM MEMBER 1:G.SIVARANJANI

TEAM MEMBER 2:M.K.SNEHA RESHMI

TEAM MEMBER 3:D.VAISHNAVI

TEAM SIZE:4

MENTOR:G.SIMI MARGARET