

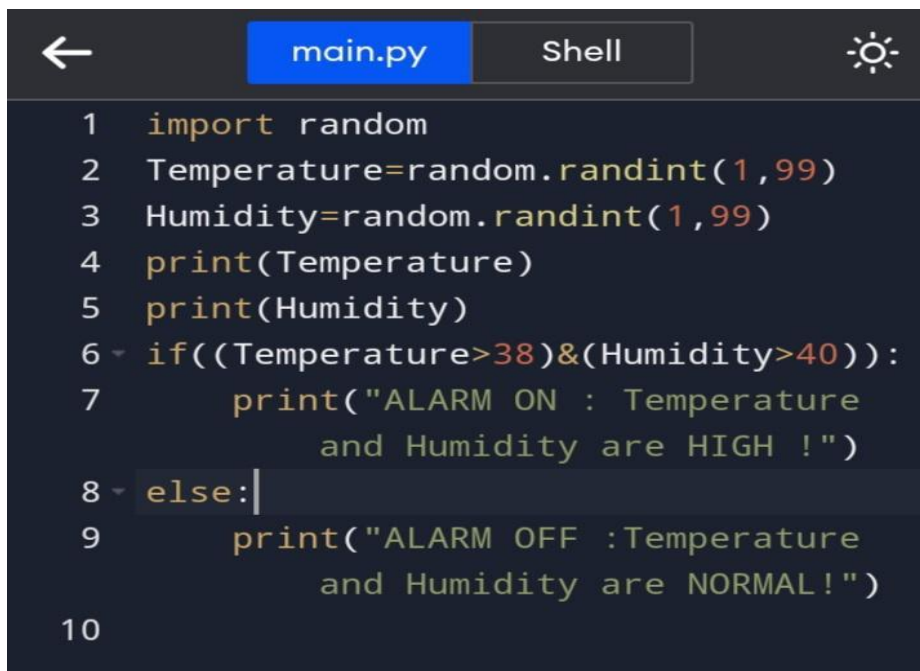
ASSIGNMENT - 2

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 Python IDE 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 IDE displays the Python code from the previous block, with line numbers 1 through 10 on the left. The code is:

```
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
8         and Humidity are HIGH !")
9 else:
10    print("ALARM OFF :Temperature
        and Humidity are NORMAL!")
```

main.pyShell

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

main.pyShell

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

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