

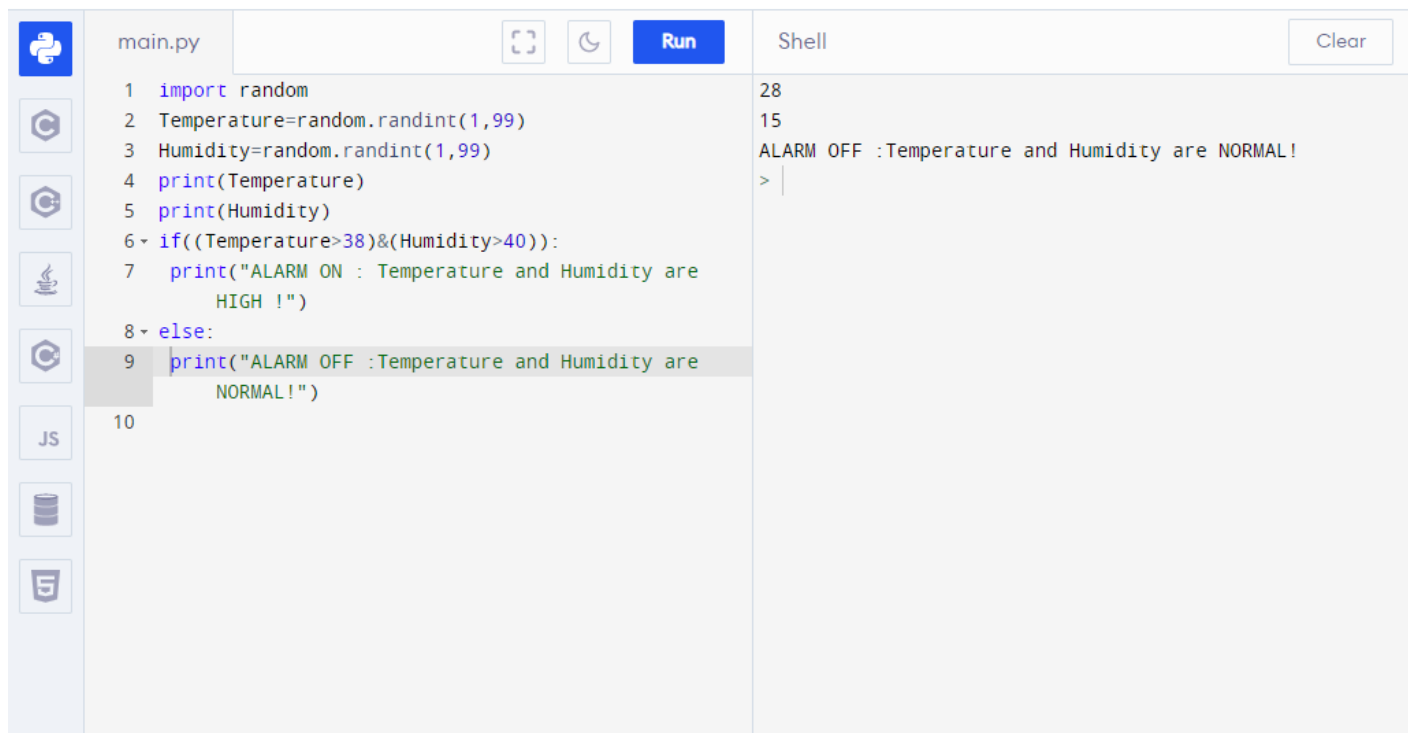
ASSIGNMENT - 2

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








```
main.py  Run  Clear



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
```

Shell



```
28
15
ALARM OFF :Temperature and Humidity are NORMAL!
> |
```



JS



main.py



Run

```
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
```

Shell

Clear

```
47
91
ALARM ON : Temperature and Humidity are HIGH !
> |
```