

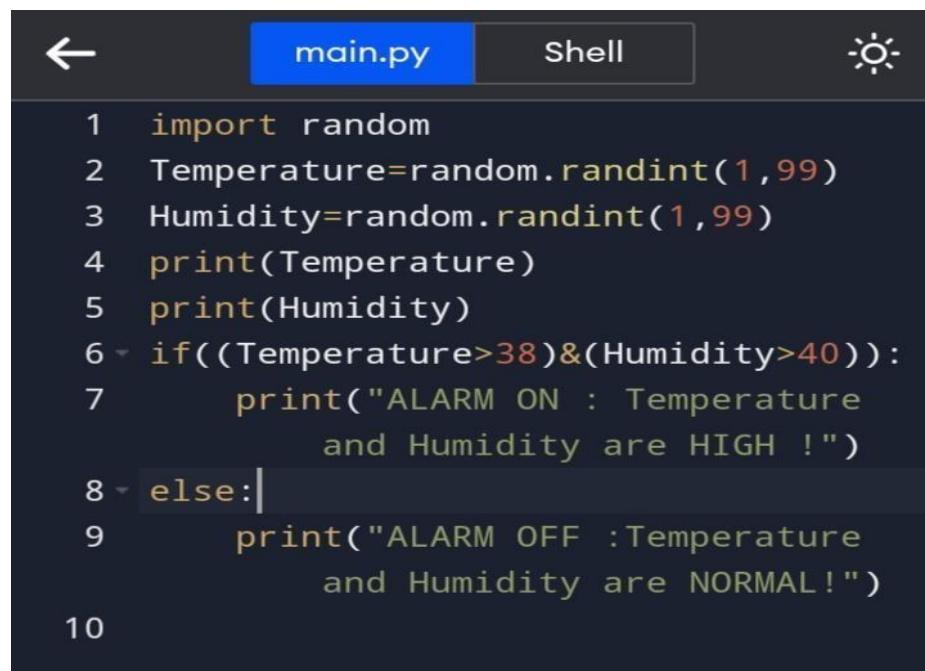
ASSIGNMENT - 2

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



The image shows a terminal window with the following interface elements:

- Left side: A back arrow icon.
- Middle top: A blue tab labeled "main.py".
- Middle top: A grey tab labeled "Shell".
- Right top: A sun-like icon with three dots.

The terminal content displays the Python code:

```
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.py Shell ☀  
96  
91  
ALARM ON : Temperature and Humidity are  
HIGH !  
> |
```

```
← main.py Shell ☀  
17  
48  
ALARM OFF :Temperature and Humidity are  
NORMAL!  
> |
```

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