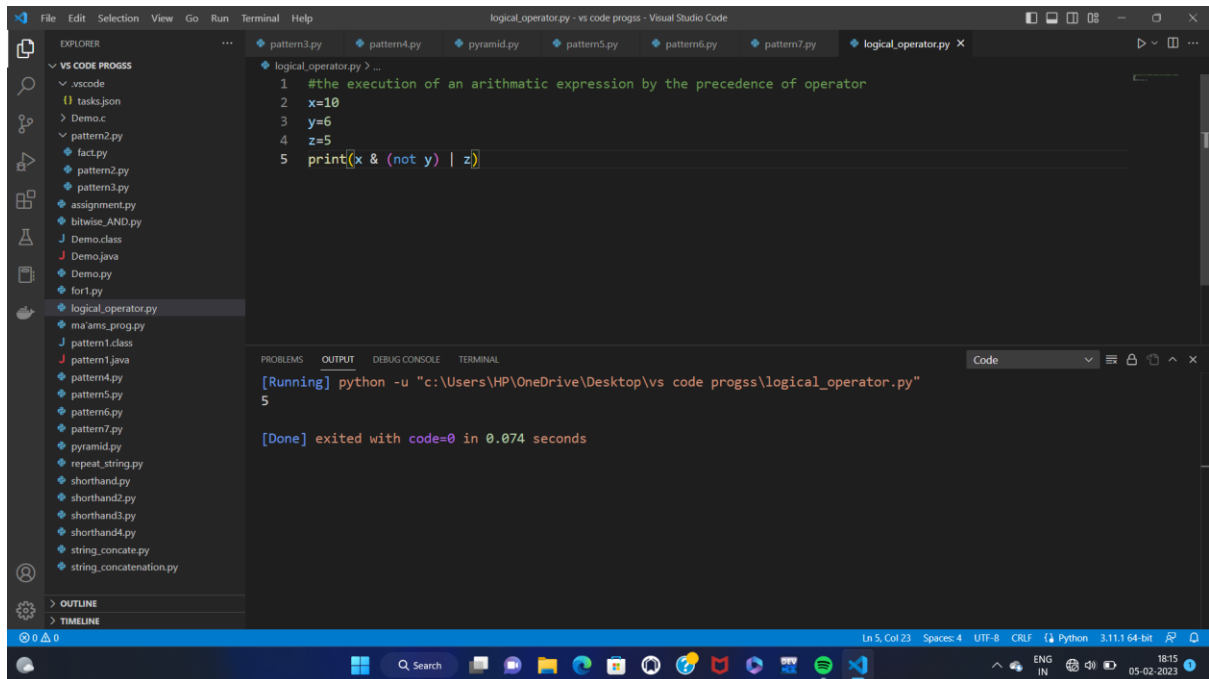


```
#the execution of an arithmetic expression by the precedence  
of operator  
x=10  
y=6  
z=5  
print(x & (not y) | z)
```



The screenshot shows the Visual Studio Code interface with the file explorer on the left, the editor in the center, and the terminal at the bottom. The file explorer shows a project named 'vs code progss' with various Python files. The editor displays the file 'logical_operator.py' with the following code:

```
1 #the execution of an arithmetic expression by the precedence  
2 of operator  
3 x=10  
4 y=6  
5 z=5  
6 print(x & (not y) | z)
```

The terminal at the bottom shows the command to run the script and its output:

```
[Running] python -u "c:\Users\HP\OneDrive\Desktop\vs code progss\logical_operator.py"  
5  
[Done] exited with code=0 in 0.074 seconds
```

The status bar at the bottom indicates the file is at line 5, column 23, using UTF-8 encoding, CRLF line endings, and the Python 3.11.1 64-bit interpreter.