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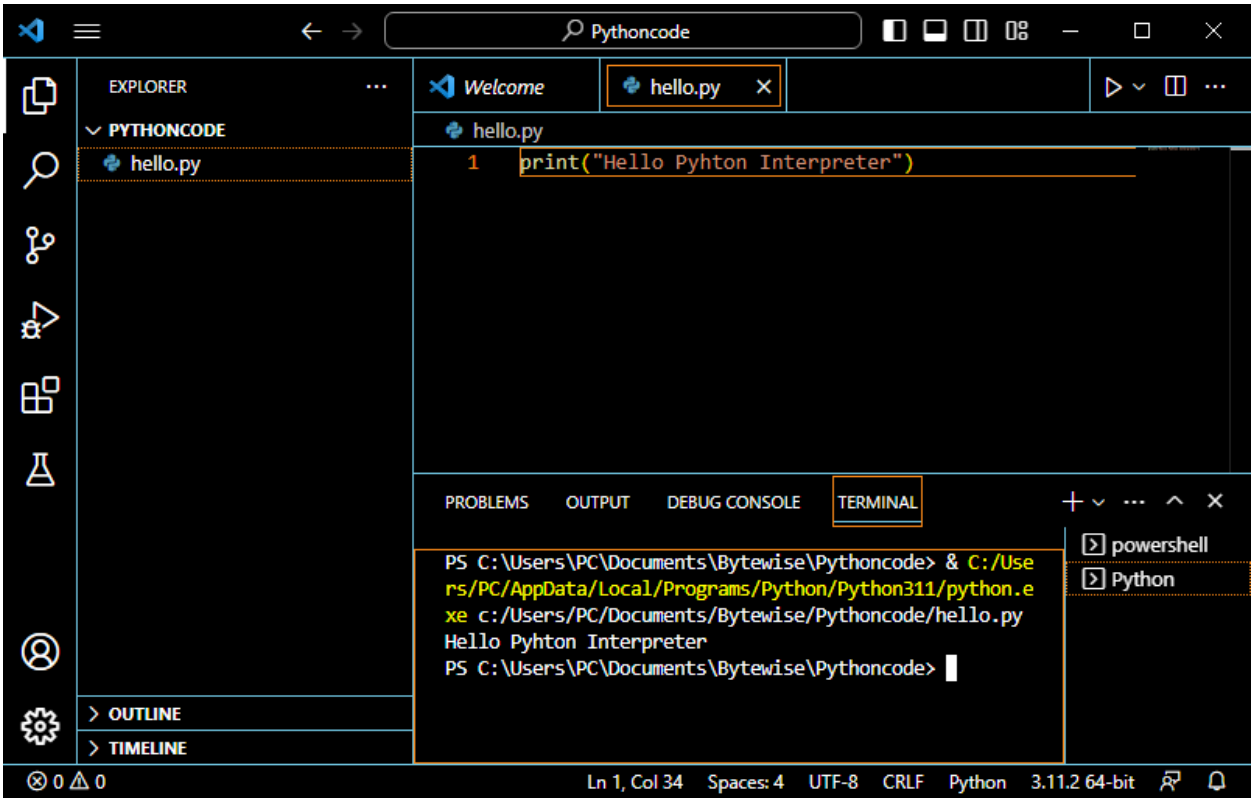
Bytewise Deep Learning Fellow

TASK # 03

Contents

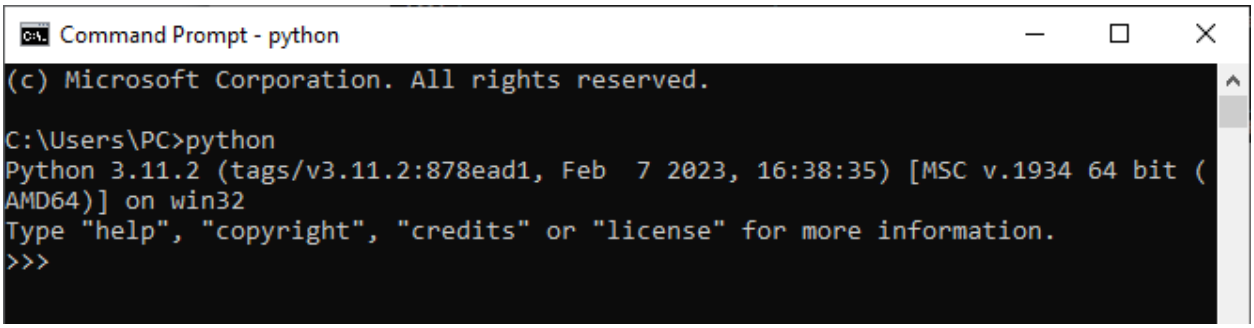
Testing Python

- **Hello Python Interpreter**

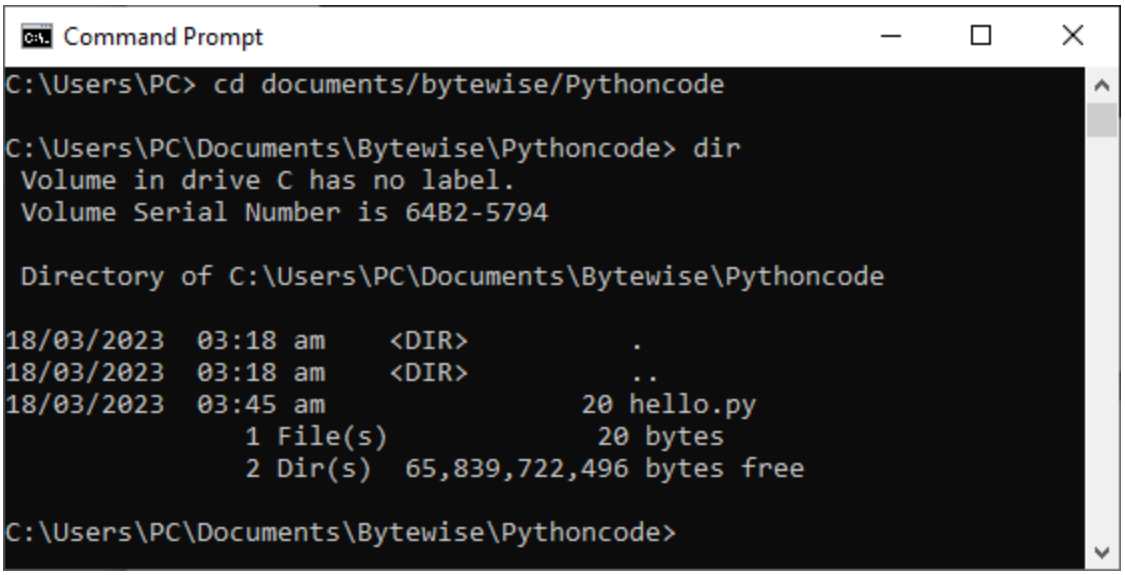


- **Hello World Program**

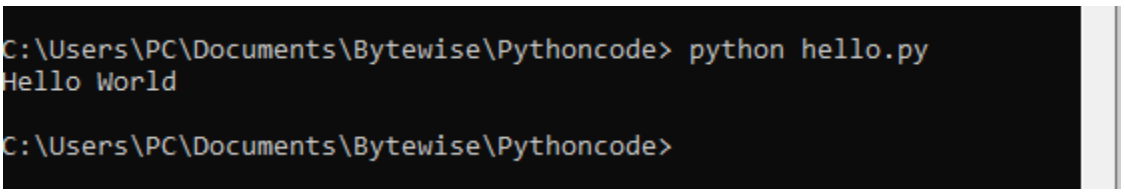
- **Python Version in CMD**



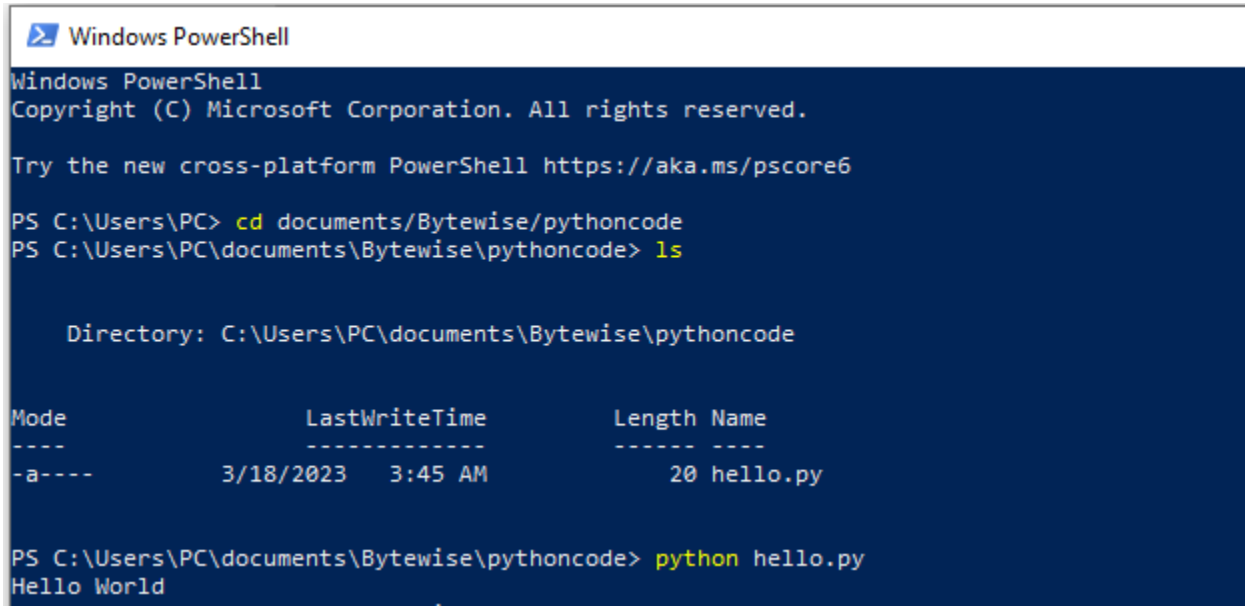
- **Changing Directory and showing list**



- **Running Python Code on terminals (WINDOWS)**

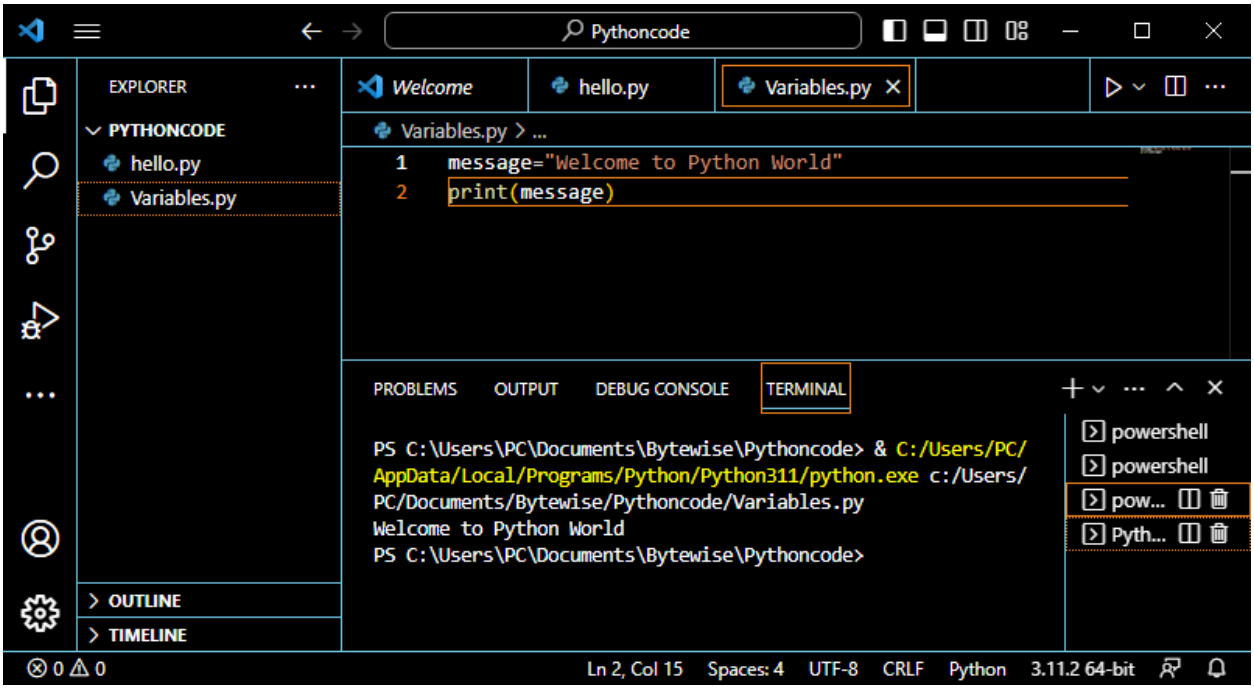


- **Running Python Code on terminals**

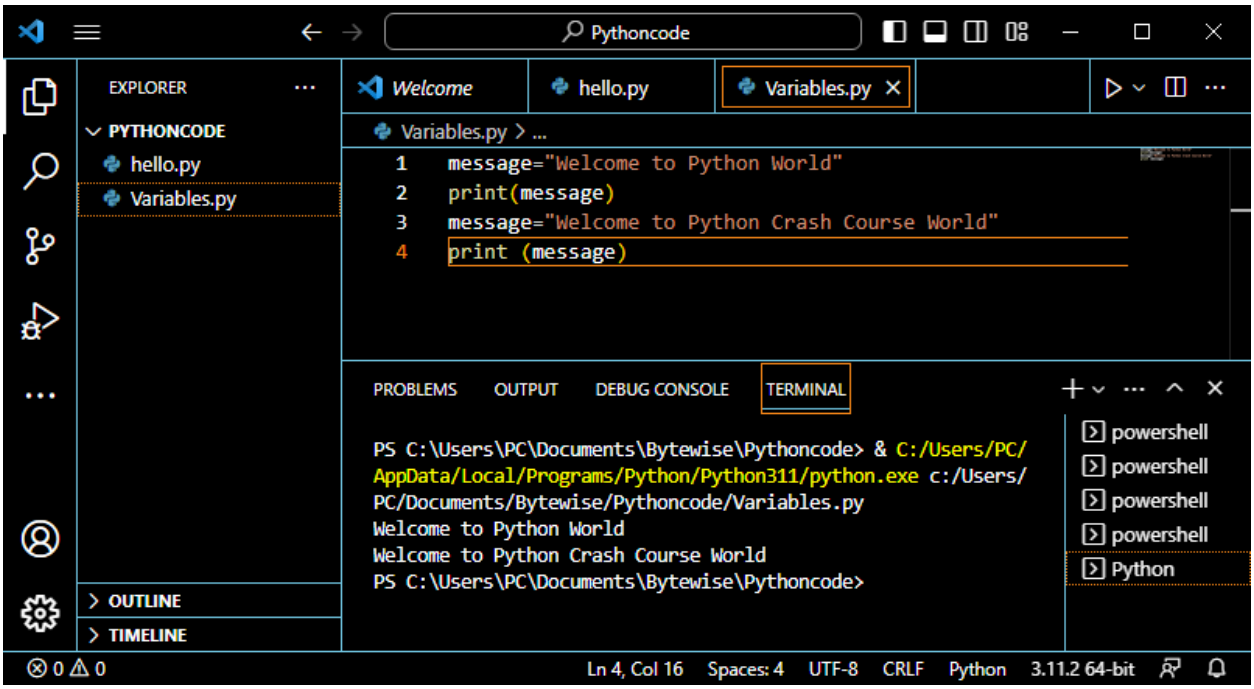


Variables

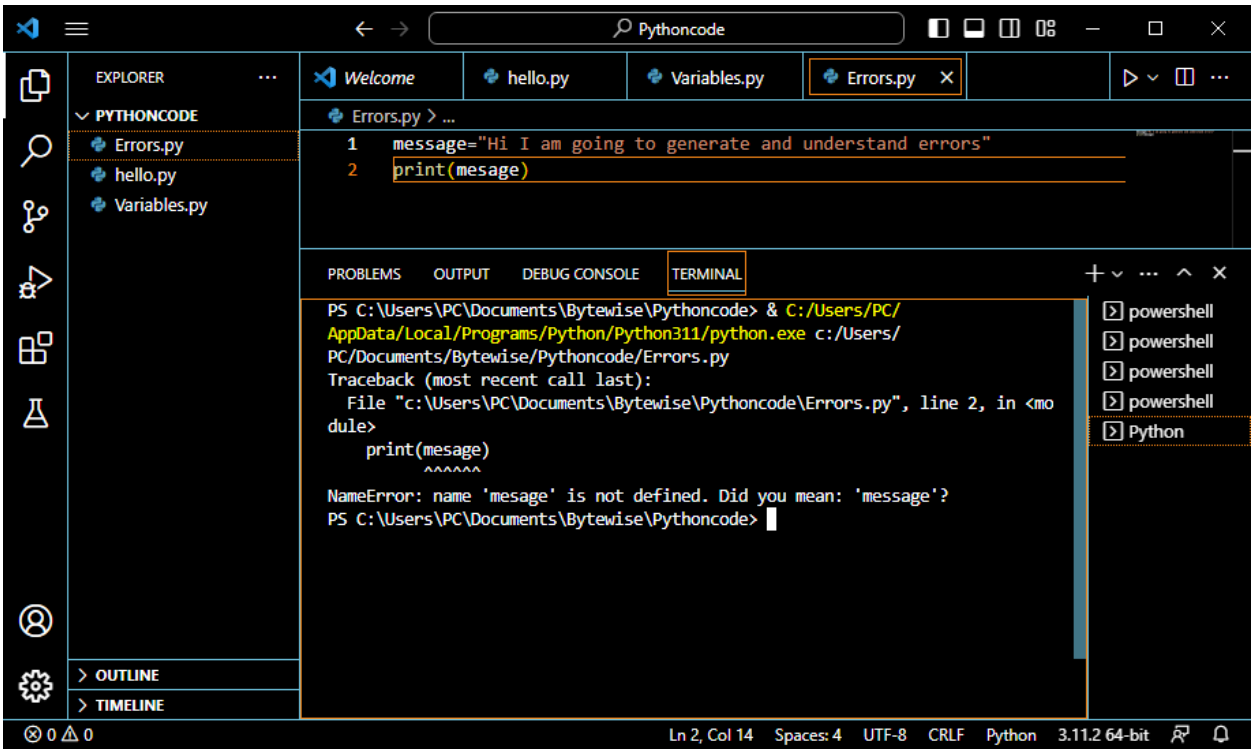
- **Assigning a Variable**



- **Printing two lines of code**

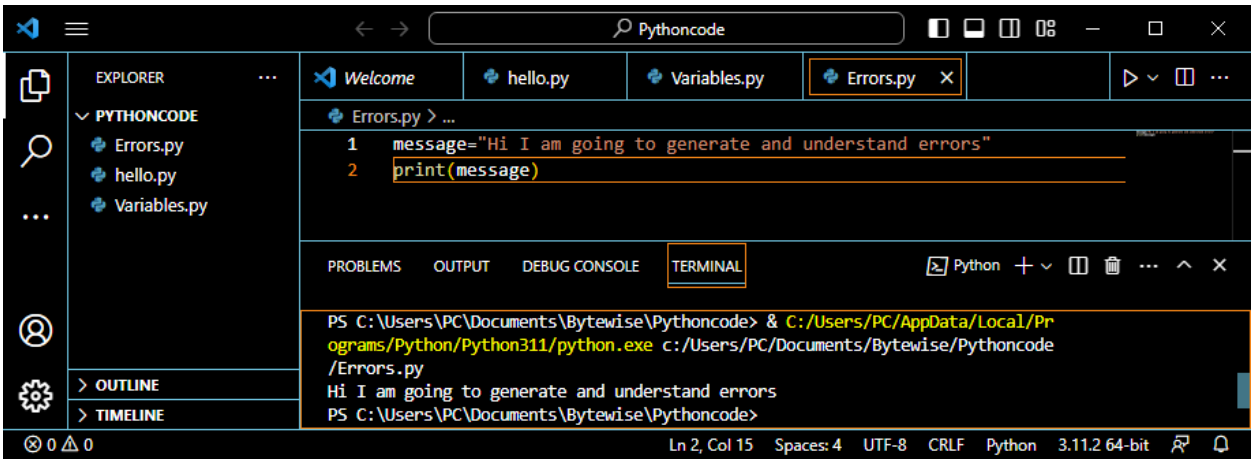


- **Generating errors on Purpose**

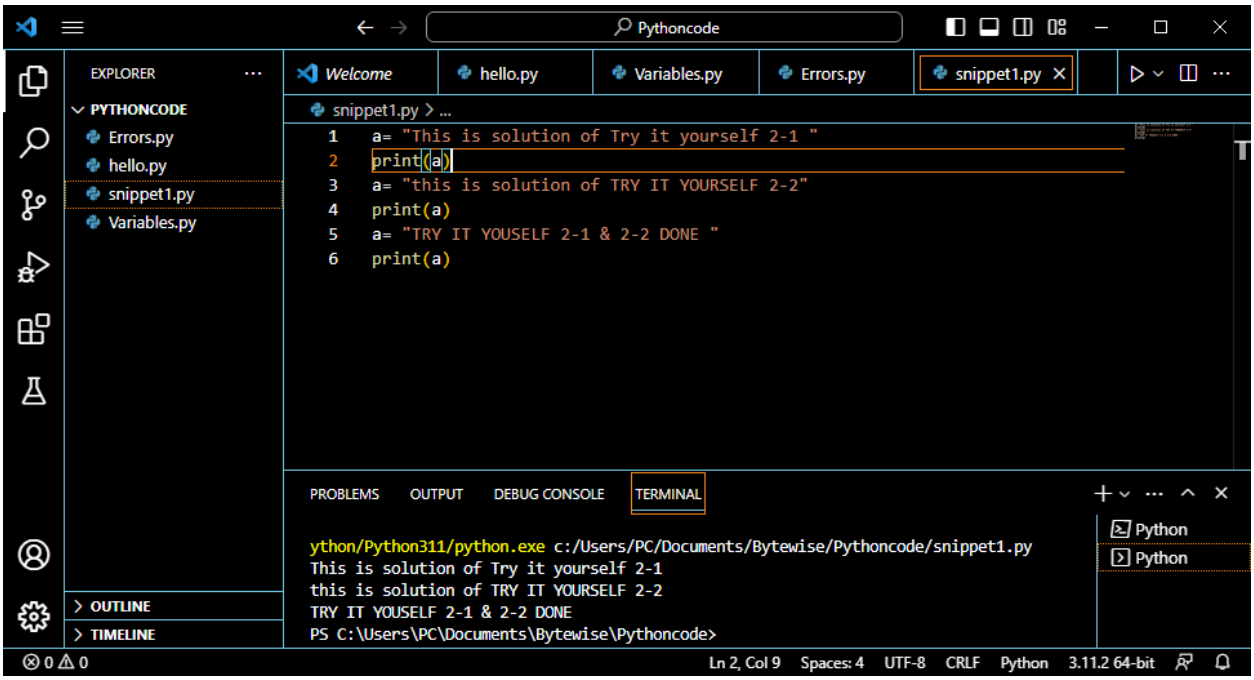


- ## Error Correction

Change mesage -> message.



- ## Exercise Solution (2-1 & 2-2)

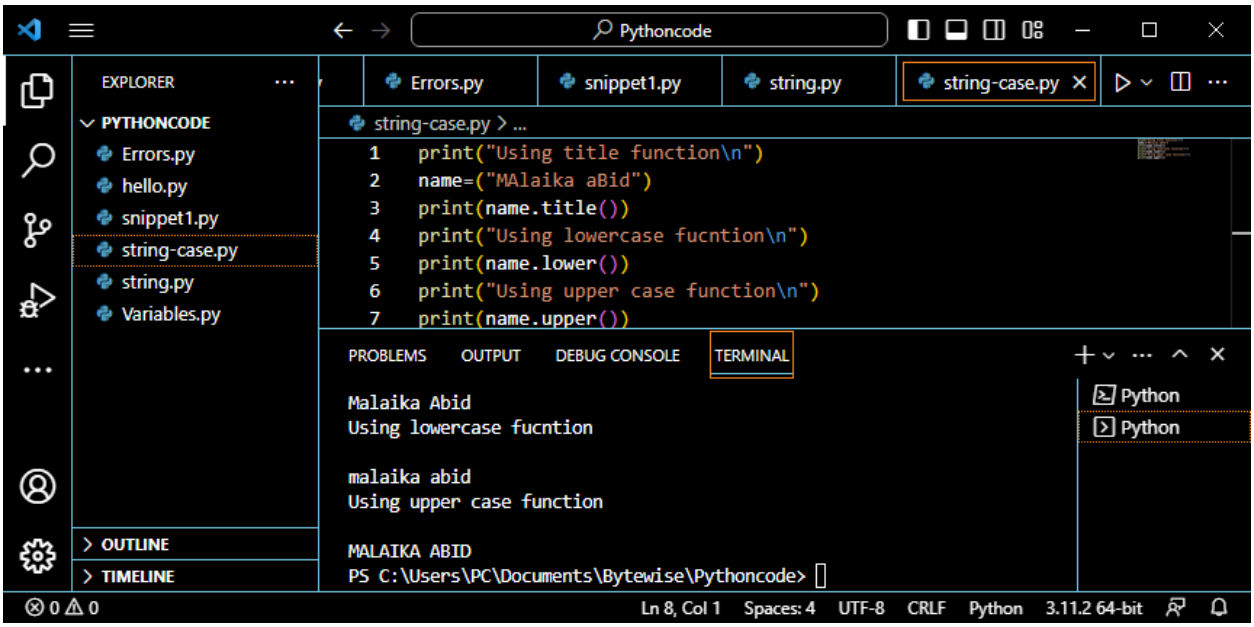


Data Types

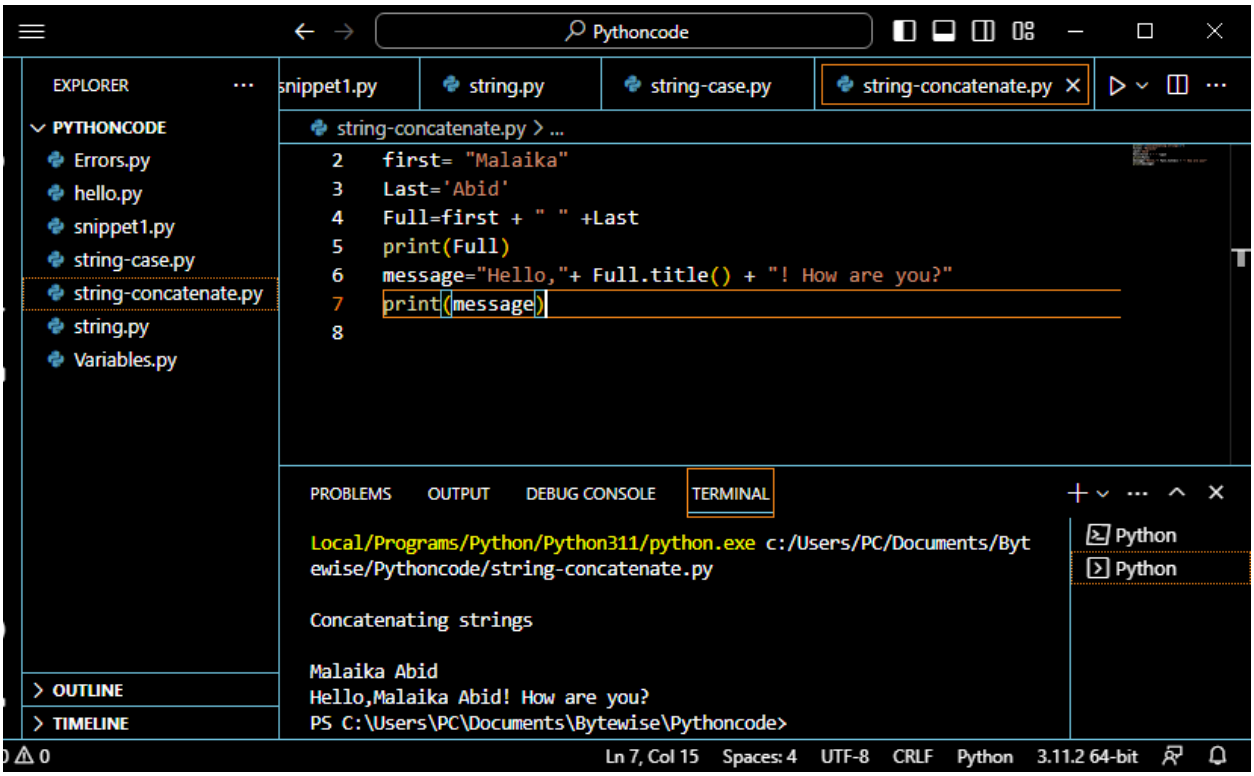
1. Strings

- **Printing string using single and double quote**

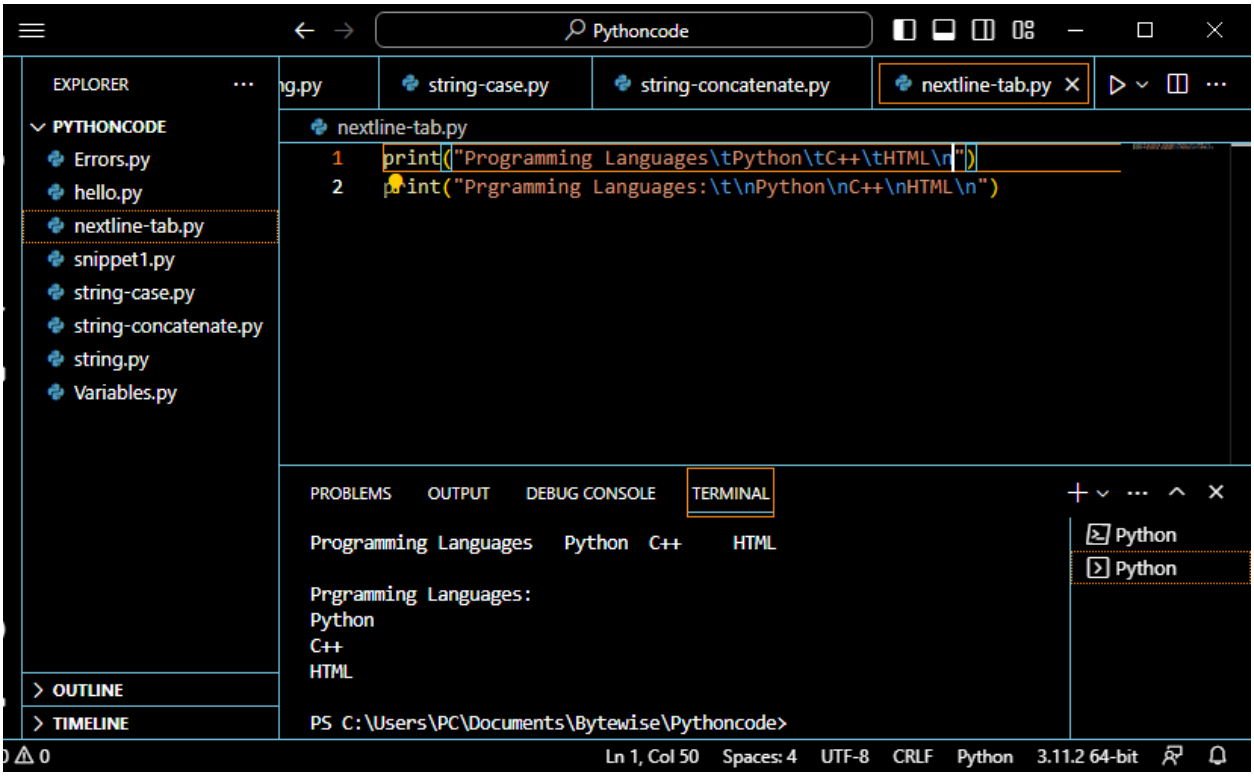
- **Changing Cases using .title() -- .upper() -- .lower()**



- **Concatenating Strings**

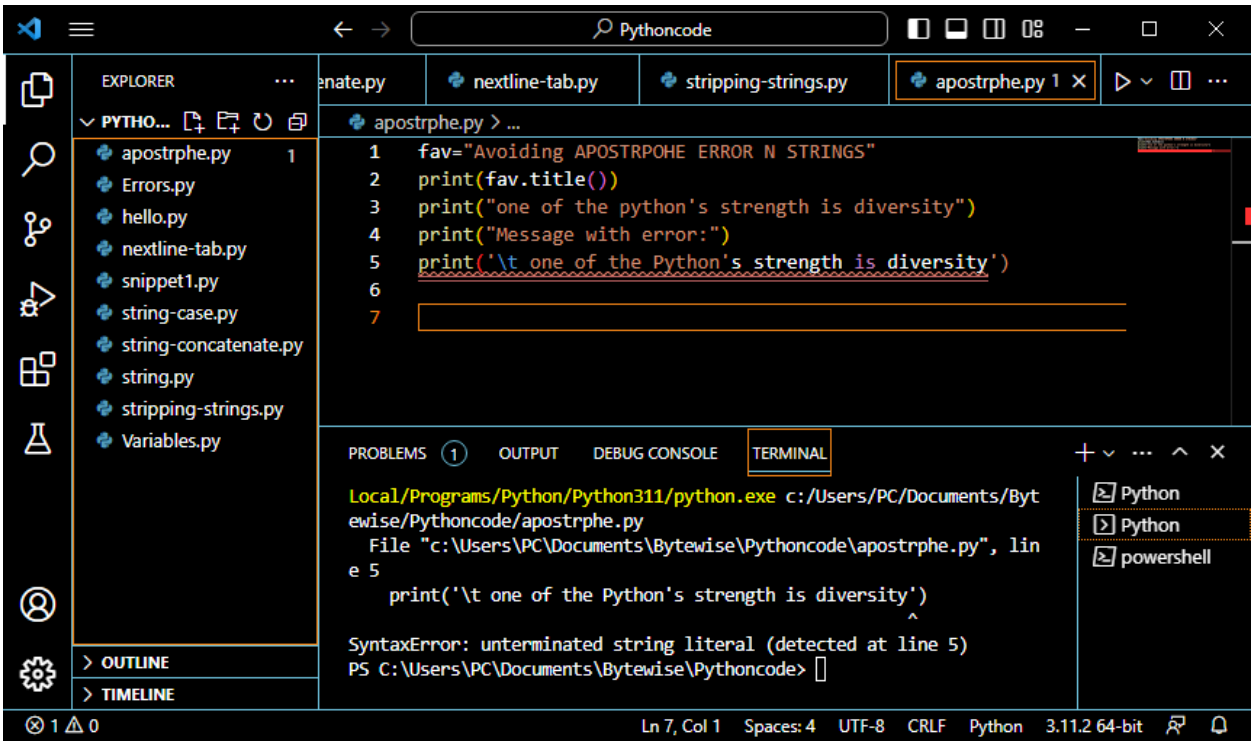

Pythoncode
EXPLORER
snippet1.py
string.py
string-case.py
string-concatenate.py
PYTHONCODE
Errors.py
hello.py
snippet1.py
string-case.py
string-concatenate.py
string.py
Variables.py
string-concatenate.py > ...
2 first= "Malaika"
3 Last='Abid'
4 Full=first + " " +Last
5 print(Full)
6 message="Hello,"+ Full.title() + "! How are you?"
7 print(message)
8
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
Local/Programs/Python/Python311/python.exe c:/Users/PC/Documents/Bytewise/Pythoncode/string-concatenate.py
Concatenating strings
Malaika Abid
Hello,Malaika Abid! How are you?
PS C:\Users\PC\Documents\Bytewise\Pythoncode>
Python
Python
OUTLINE
TIMELINE
Ln 7, Col 15
Spaces: 4
UTF-8
CRLF
Python
3.11.2 64-bit

- **Using /n & /t**

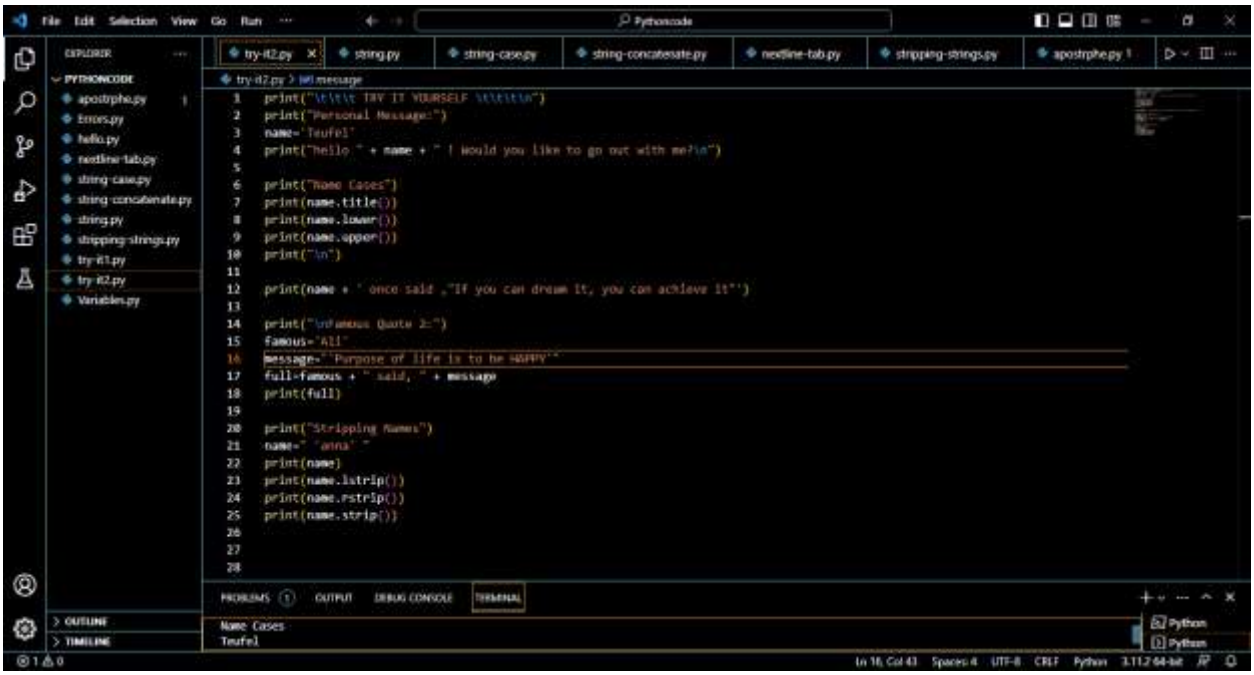

Pythoncode
EXPLORER
string-case.py
string-concatenate.py
nextline-tab.py
PYTHONCODE
Errors.py
hello.py
nextline-tab.py
snippet1.py
string-case.py
string-concatenate.py
string.py
Variables.py
nextline-tab.py
1 print("Programming Languages\tPython\tC++\tHTML\n")
2 print("Prgramming Languages:\t\nPython\nC++\nHTML\n")
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
Programming Languages Python C++ HTML
Prgramming Languages:
Python
C++
HTML
PS C:\Users\PC\Documents\Bytewise\Pythoncode>
Python
Python
OUTLINE
TIMELINE
Ln 1, Col 50
Spaces: 4
UTF-8
CRLF
Python
3.11.2 64-bit

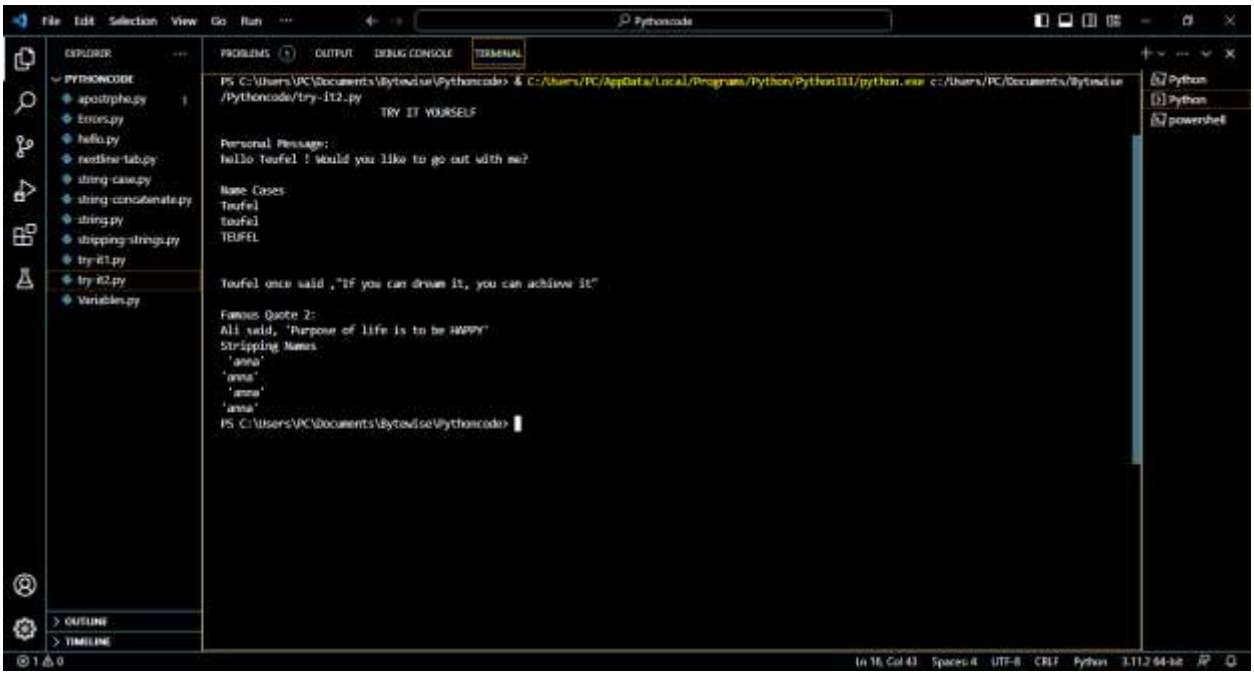
- **Lstrip() ,rstrip() , strip()**

- **Avoiding errors(aposhtrophe)**

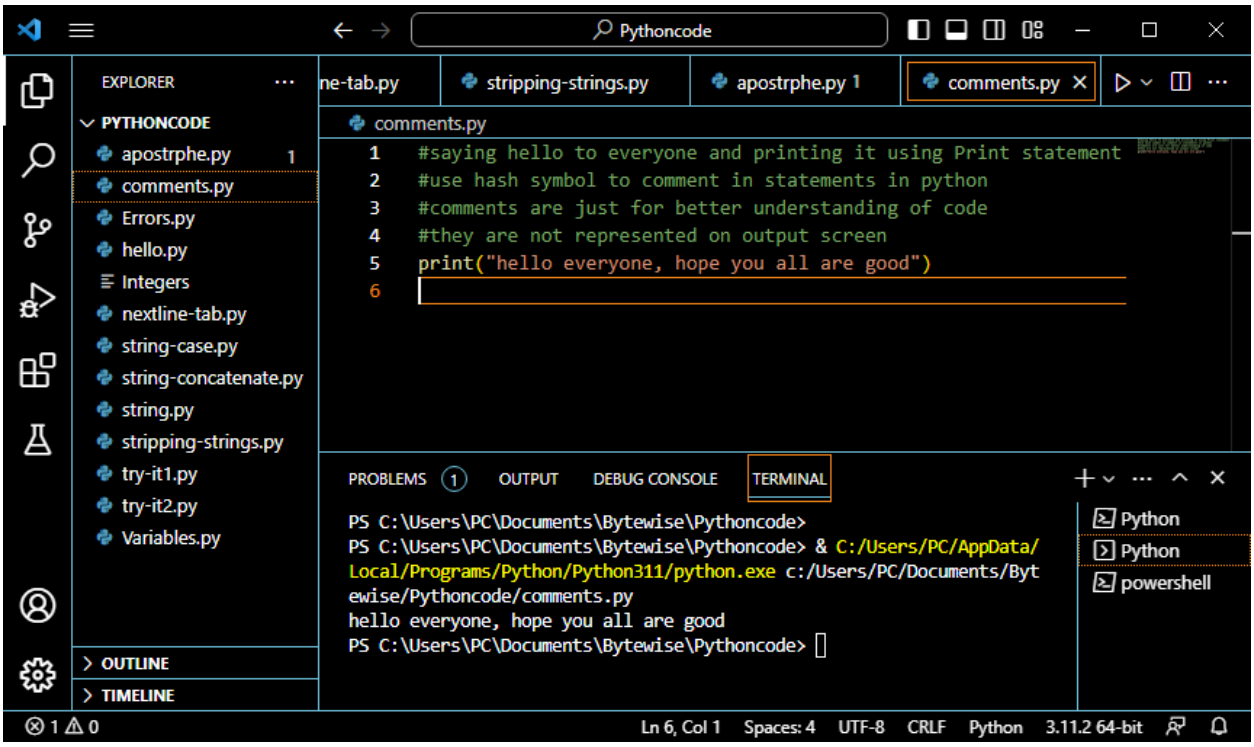


- **Exercise Solution 2-3 , 2-4, 2-5, 2-6, 2-8**



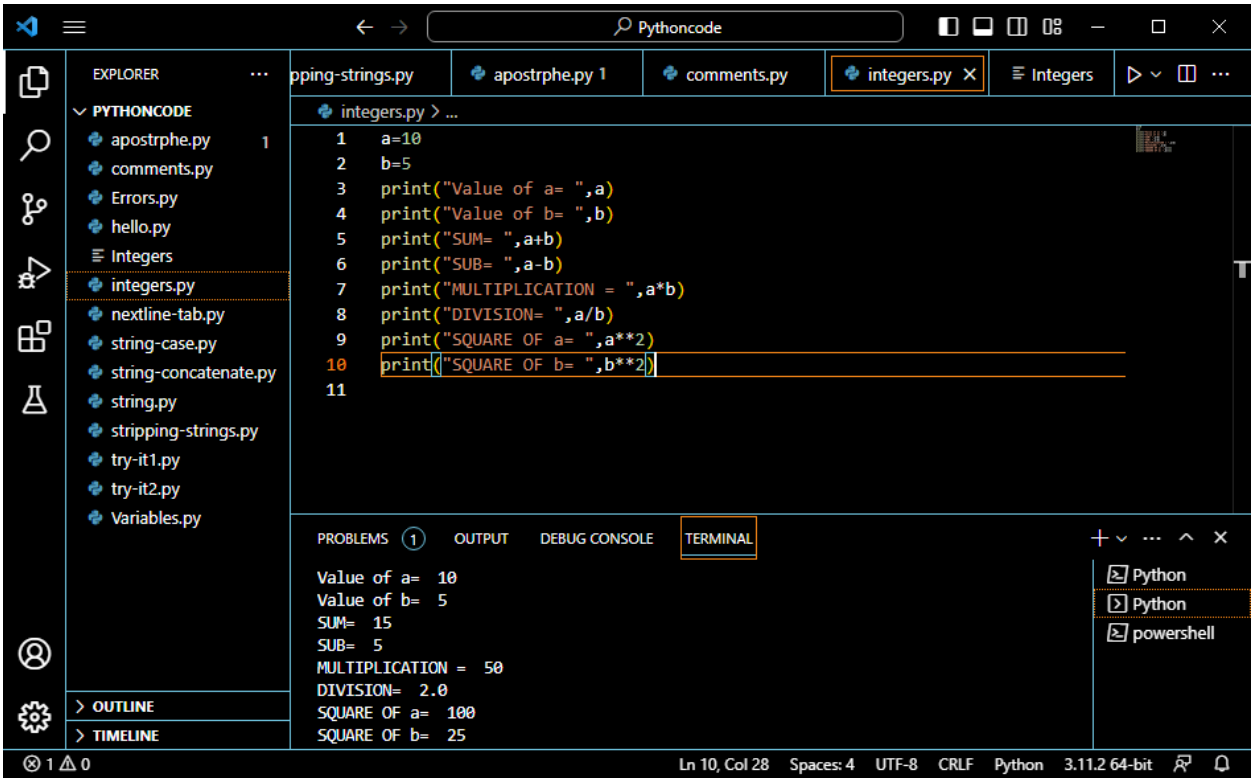


- **Comments**

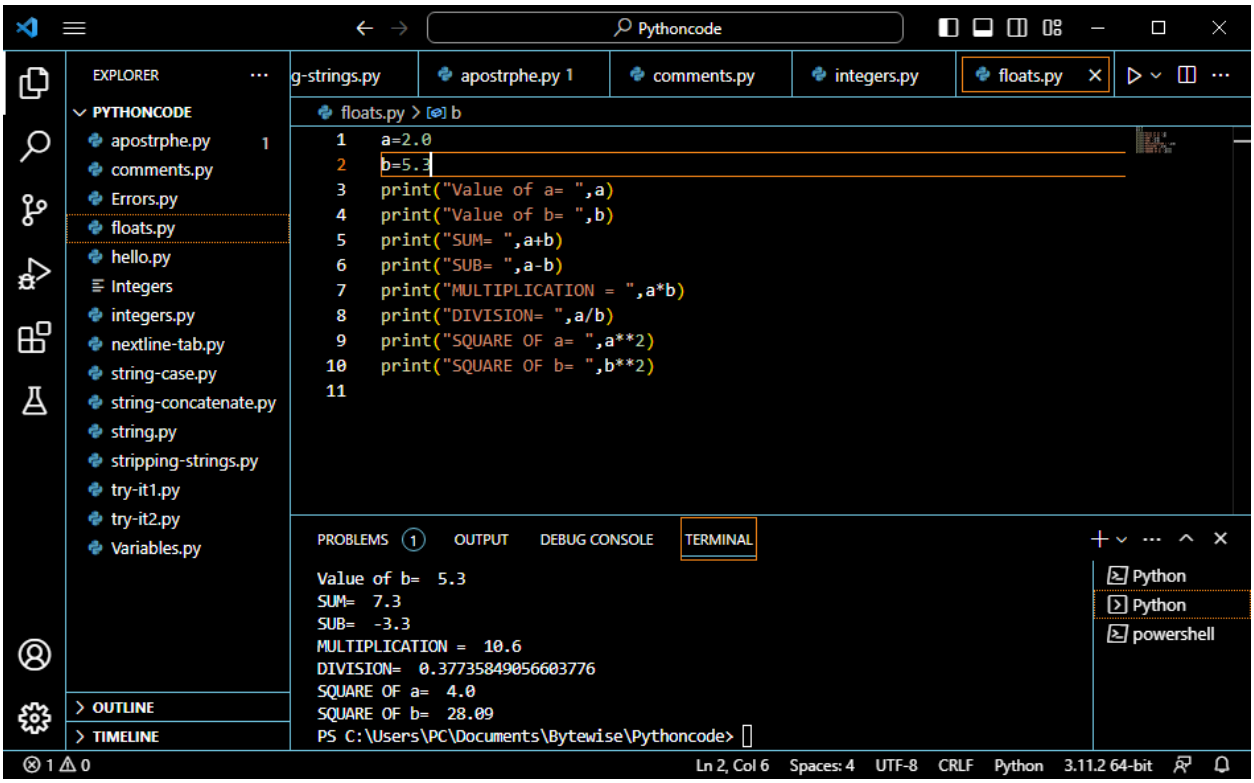

Pythoncode
EXPLORER
PYTHONCODE
apostrphe.py 1
comments.py
Errors.py
hello.py
Integers
nextline-tab.py
string-case.py
string-concatenate.py
string.py
stripping-strings.py
try-it1.py
try-it2.py
Variables.py
OUTLINE
TIMELINE
ne-tab.py
stripping-strings.py
apostrphe.py 1
comments.py
comments.py
1 #saying hello to everyone and printing it using Print statement
2 #use hash symbol to comment in statements in python
3 #comments are just for better understanding of code
4 #they are not represented on output screen
5 print("hello everyone, hope you all are good")
6
PROBLEMS 1
OUTPUT
DEBUG CONSOLE
TERMINAL
PS C:\Users\PC\Documents\Bytewise\Pythoncode>
PS C:\Users\PC\Documents\Bytewise\Pythoncode> & C:/Users/PC/AppData/Local/Programs/Python/Python311/python.exe c:/Users/PC/Documents/Bytewise/Pythoncode/comments.py
hello everyone, hope you all are good
PS C:\Users\PC\Documents\Bytewise\Pythoncode>
Python
Python
powershell
1 0
Ln 6, Col 1
Spaces: 4
UTF-8
CRLF
Python
3.11.2 64-bit

2. Numbers

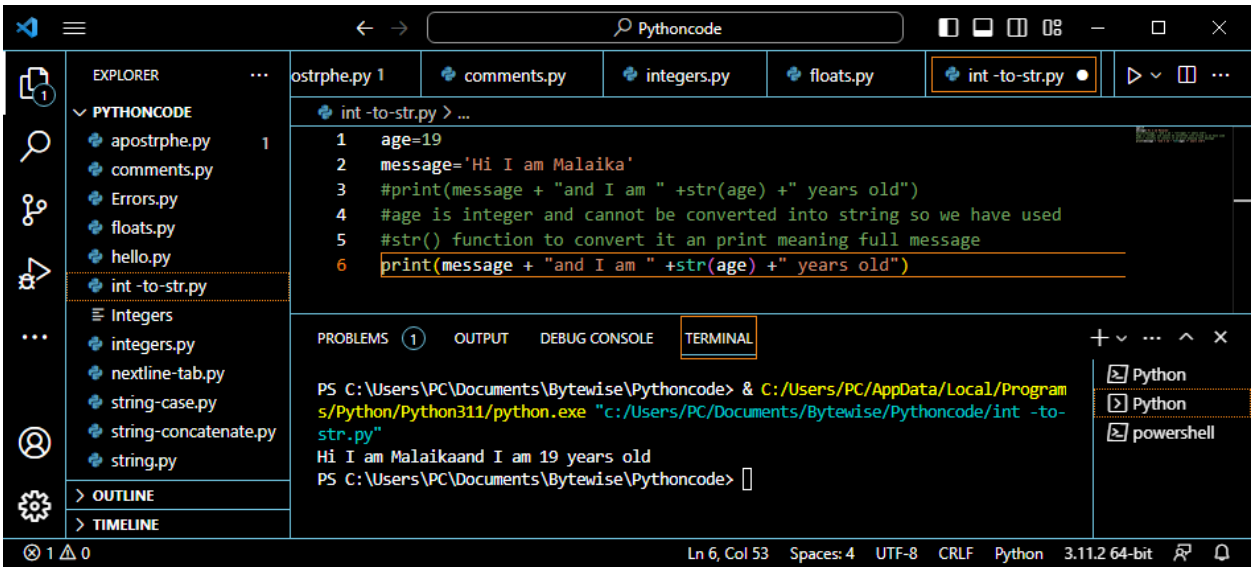
- **Integers**



- **Floats**



- **Str() function**



- **Exercise Solution 2-8, 2-9**