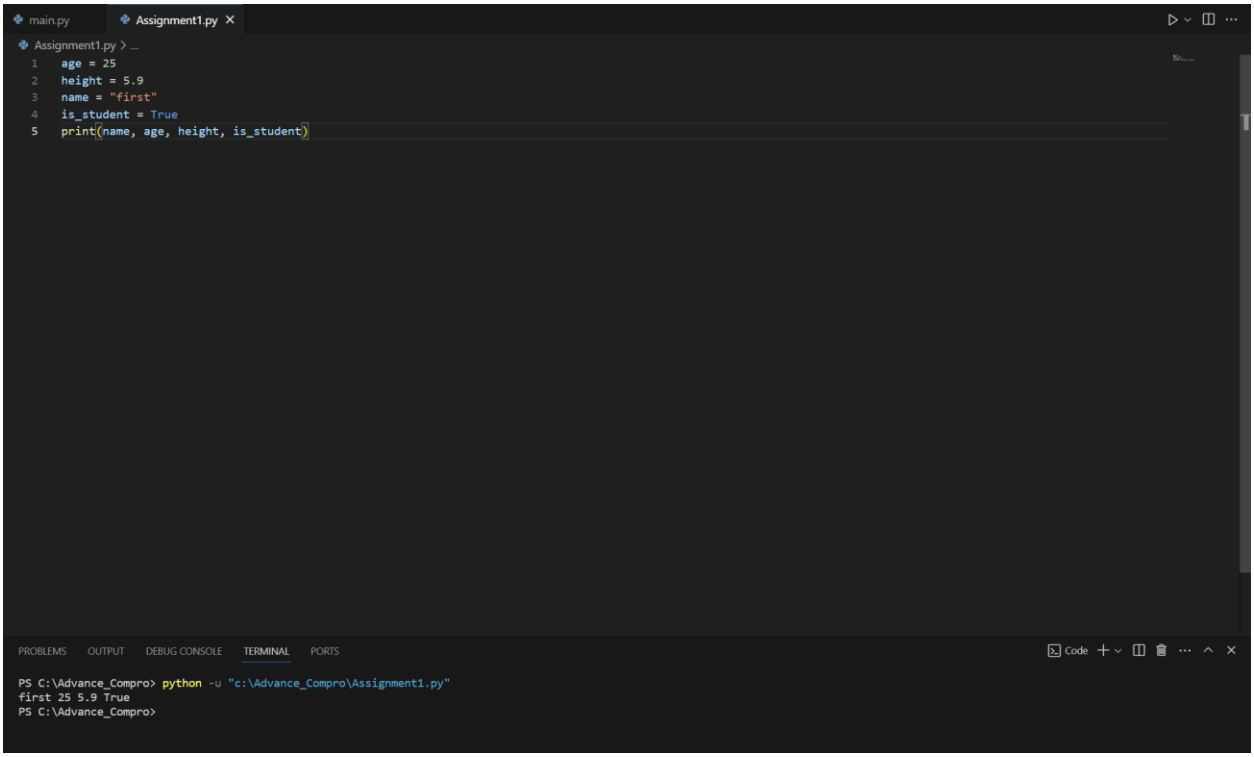
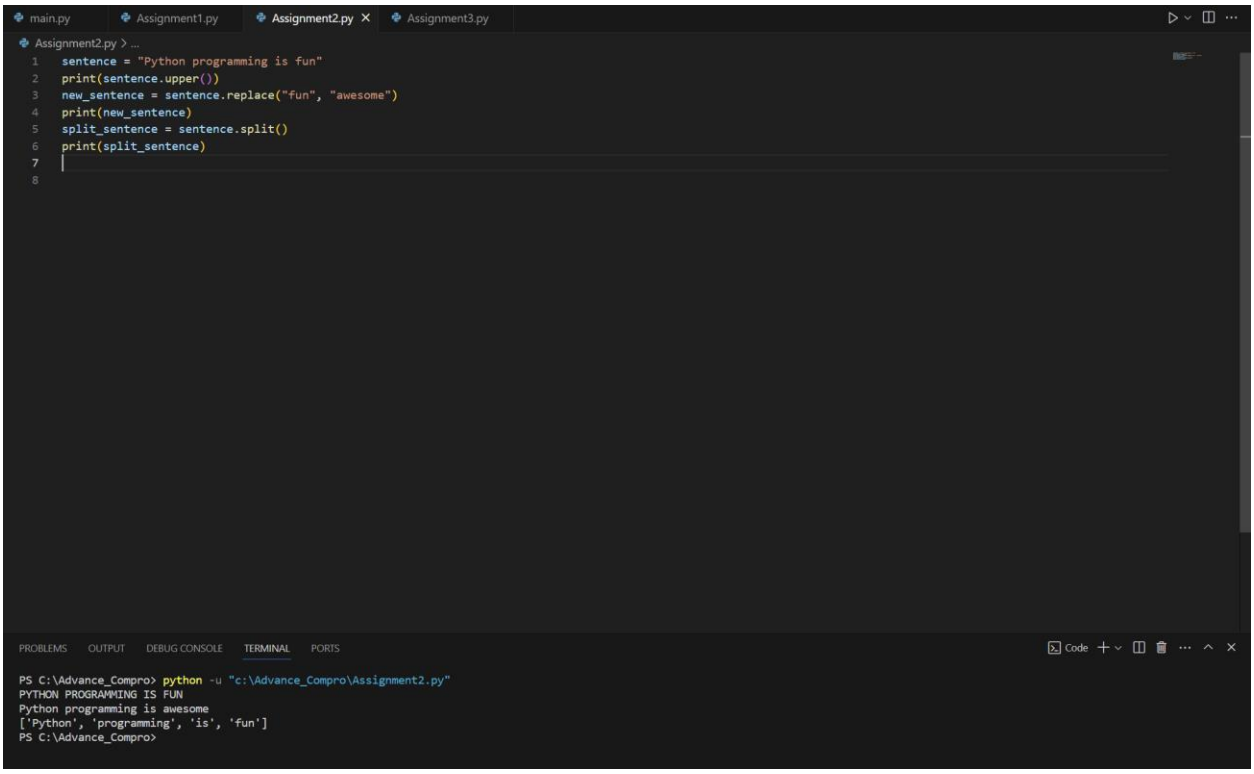
66110039 Pattaraphum Thamtanasakul

Lab 1

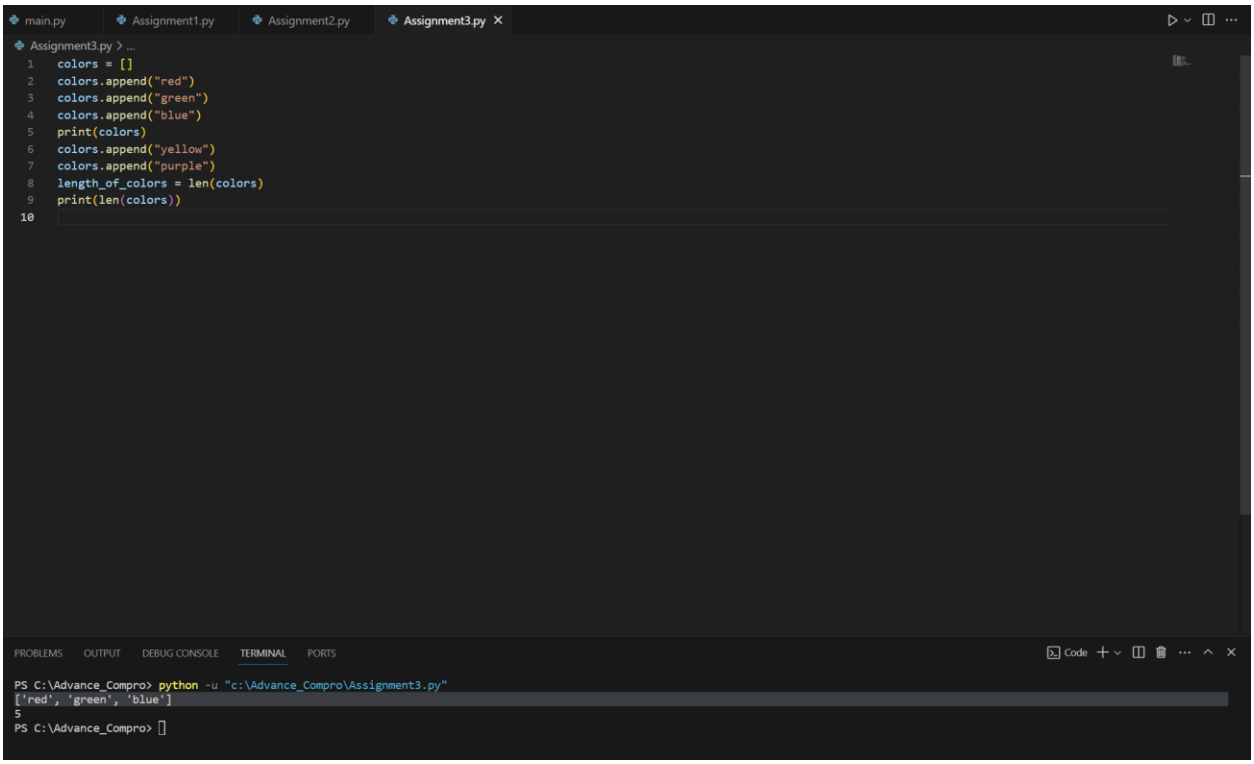
1.



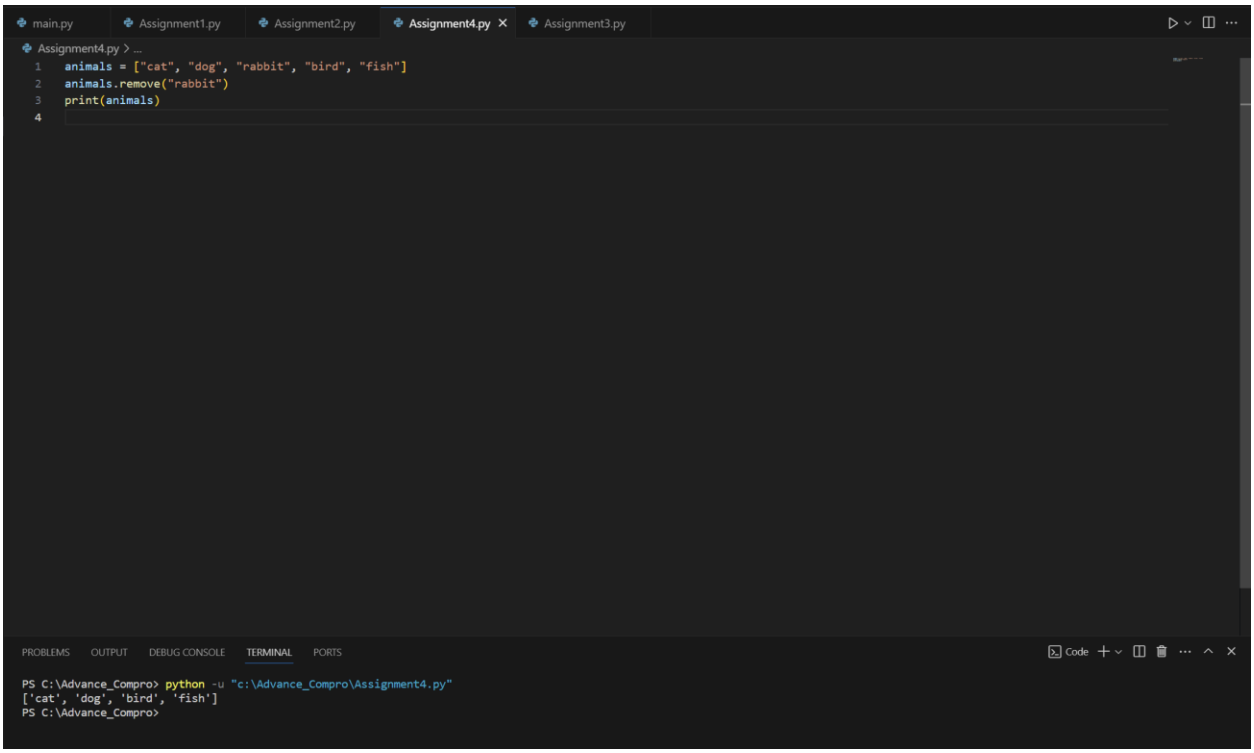
2.


main.py
Assignment1.py
Assignment2.py
Assignment3.py
Assignment2.py > ...
1 sentence = "Python programming is fun"
2 print(sentence.upper())
3 new_sentence = sentence.replace("fun", "awesome")
4 print(new_sentence)
5 split_sentence = sentence.split()
6 print(split_sentence)
7
8
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Code
PS C:\Advance_Compro> python -u "c:\Advance_Compro\Assignment2.py"
PYTHON PROGRAMMING IS FUN
Python programming is awesome
['Python', 'programming', 'is', 'fun']
PS C:\Advance_Compro>

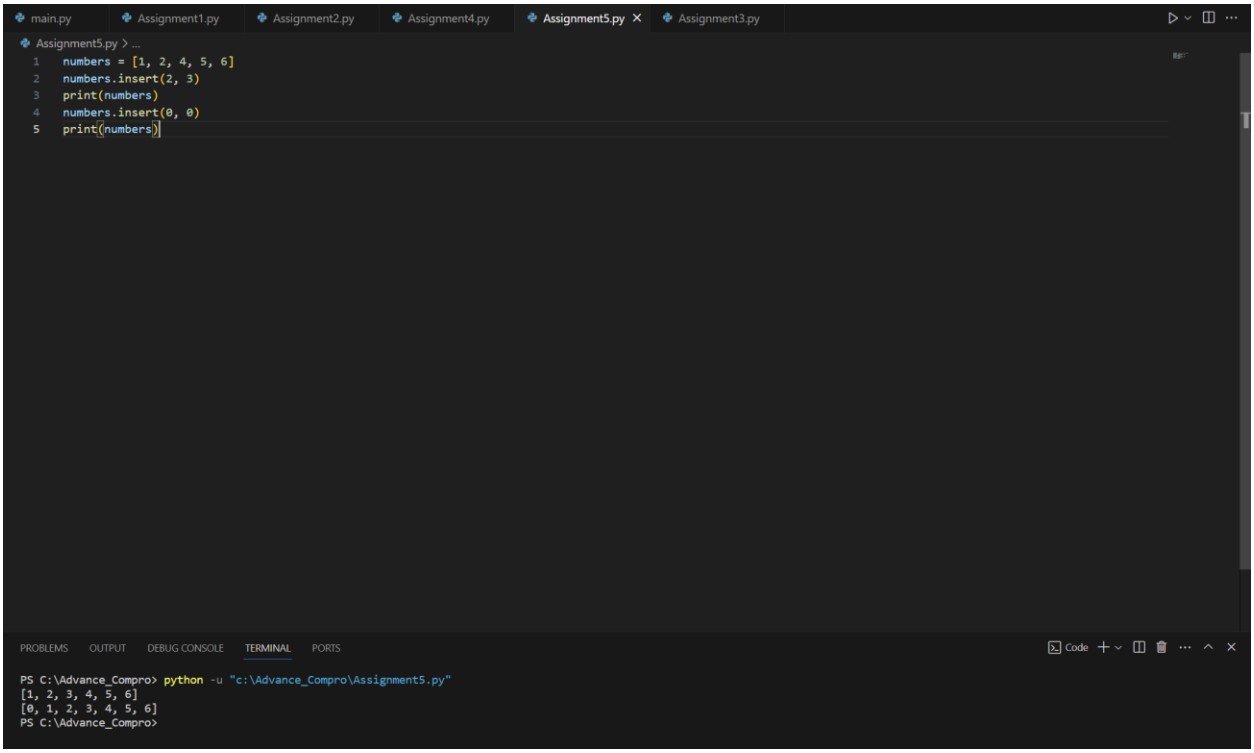
3.


main.py
Assignment1.py
Assignment2.py
Assignment3.py
Assignment3.py > ...
1 colors = []
2 colors.append("red")
3 colors.append("green")
4 colors.append("blue")
5 print(colors)
6 colors.append("yellow")
7 colors.append("purple")
8 length_of_colors = len(colors)
9 print(len(colors))
10
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Code
PS C:\Advance_Compro> python -u "c:\Advance_Compro\Assignment3.py"
['red', 'green', 'blue']
5
PS C:\Advance_Compro>

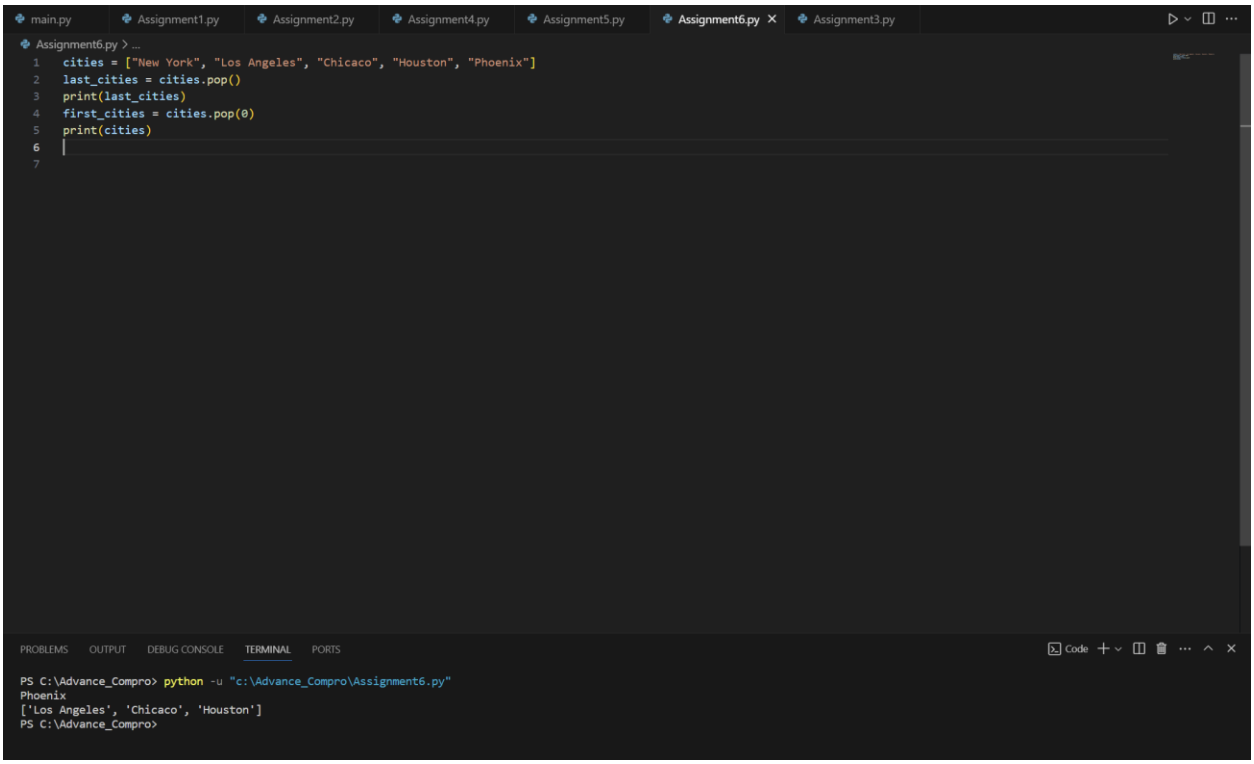
4.


main.py
Assignment1.py
Assignment2.py
Assignment4.py
Assignment3.py
Assignment4.py > ...
1 animals = ["cat", "dog", "rabbit", "bird", "fish"]
2 animals.remove("rabbit")
3 print(animals)
4
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
PS C:\Advance_Compro> python -u "c:\Advance_Compro\Assignment4.py"
['cat', 'dog', 'bird', 'fish']
PS C:\Advance_Compro>

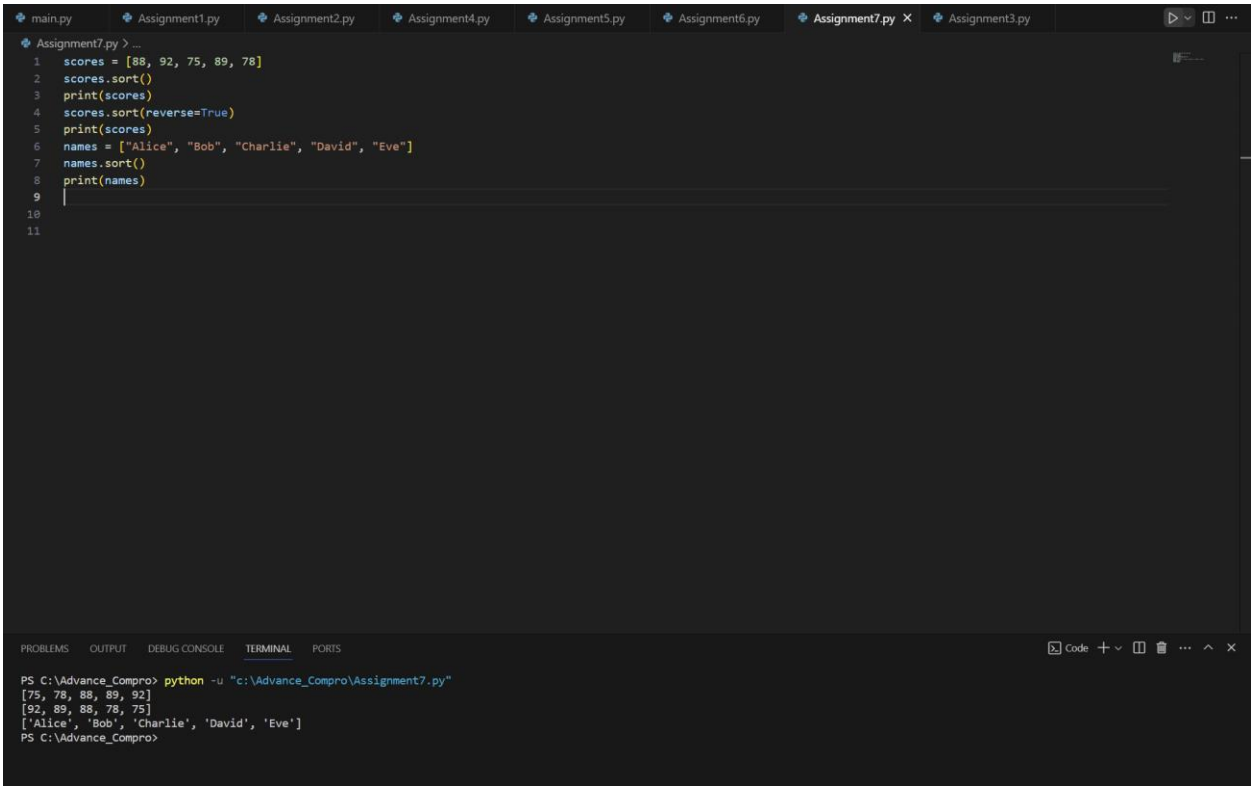
5.


main.py
Assignment1.py
Assignment2.py
Assignment4.py
Assignment5.py
Assignment3.py
Assignment5.py > ...
1 numbers = [1, 2, 4, 5, 6]
2 numbers.insert(2, 3)
3 print(numbers)
4 numbers.insert(0, 0)
5 print(numbers)
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
PS C:\Advance_Compro> python -u "c:\Advance_Compro\Assignment5.py"
[1, 2, 3, 4, 5, 6]
[0, 1, 2, 3, 4, 5, 6]
PS C:\Advance_Compro>

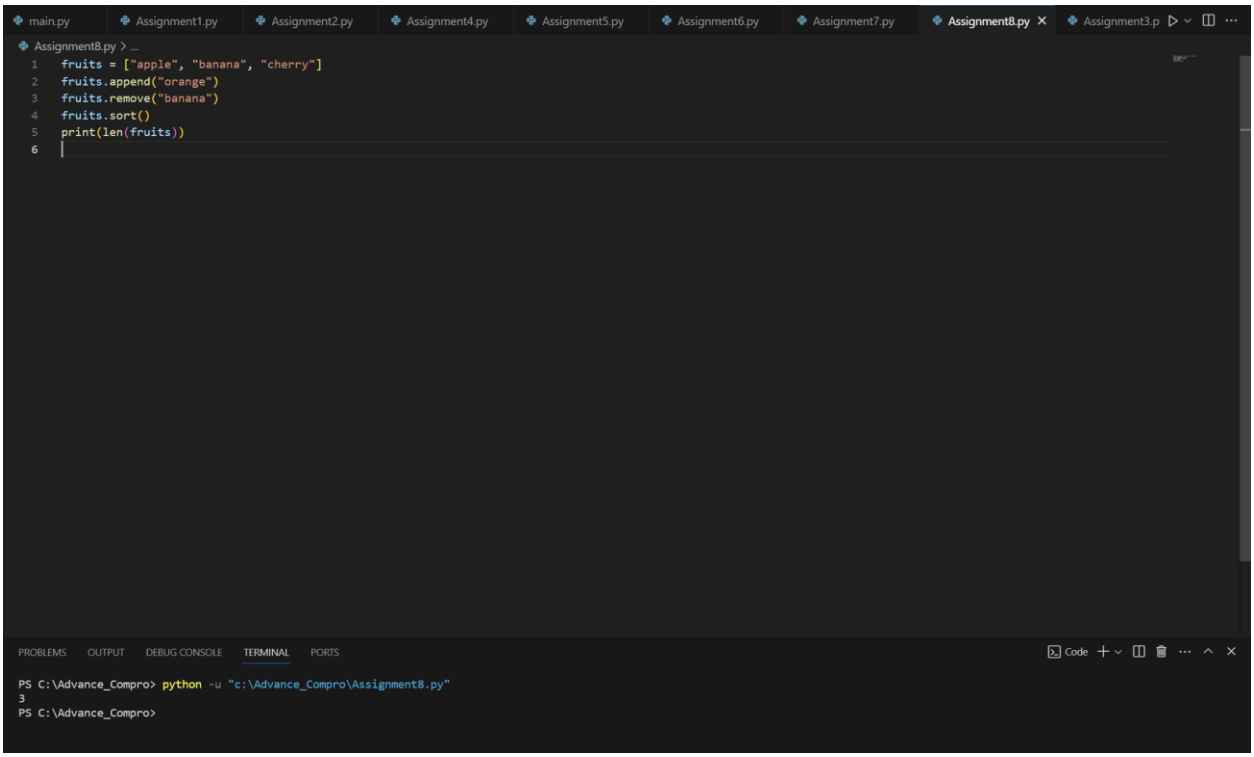
6.


main.py
Assignment1.py
Assignment2.py
Assignment4.py
Assignment5.py
Assignment6.py
Assignment3.py
Assignment6.py > ...
1 cities = ["New York", "Los Angeles", "Chicaco", "Houston", "Phoenix"]
2 last_cities = cities.pop()
3 print(last_cities)
4 first_cities = cities.pop(0)
5 print(cities)
6
7
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Code
PS C:\Advance_Compro> python -u "c:\Advance_Compro\Assignment6.py"
Phoenix
['Los Angeles', 'Chicaco', 'Houston']
PS C:\Advance_Compro>

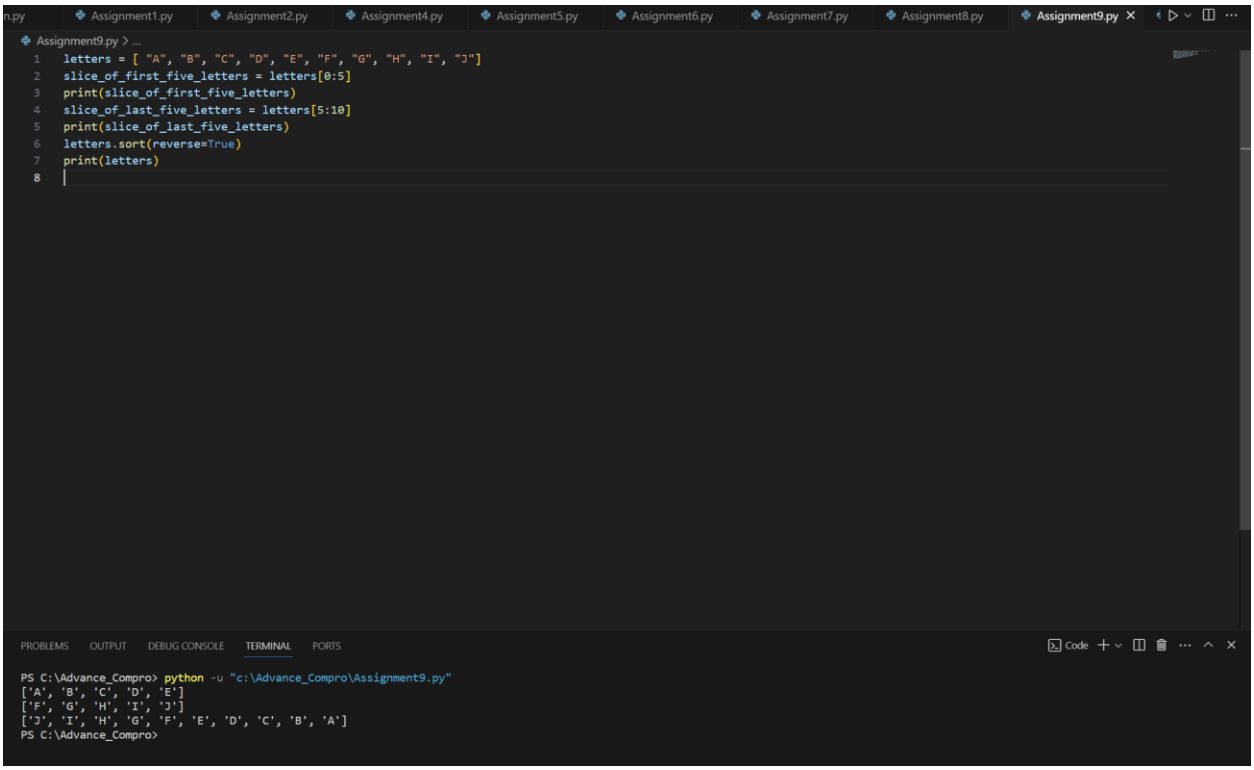
7.


main.py
Assignment1.py
Assignment2.py
Assignment4.py
Assignment5.py
Assignment6.py
Assignment7.py
Assignment3.py
Assignment7.py > ...
1 scores = [88, 92, 75, 89, 78]
2 scores.sort()
3 print(scores)
4 scores.sort(reverse=True)
5 print(scores)
6 names = ["Alice", "Bob", "Charlie", "David", "Eve"]
7 names.sort()
8 print(names)
9
10
11
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
Code
PS C:\Advance_Compro> python -u "c:\Advance_Compro\Assignment7.py"
[75, 78, 88, 89, 92]
[92, 89, 88, 78, 75]
['Alice', 'Bob', 'Charlie', 'David', 'Eve']
PS C:\Advance_Compro>

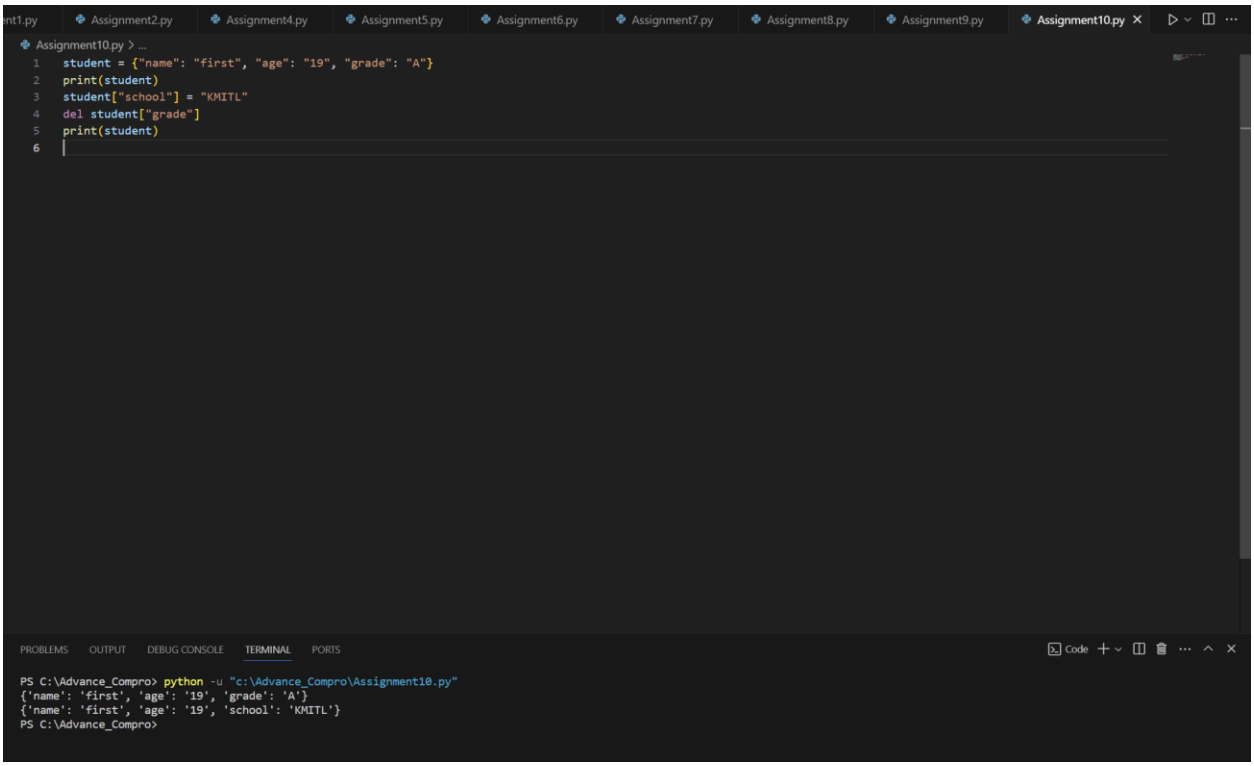
8.


main.py
Assignment1.py
Assignment2.py
Assignment4.py
Assignment5.py
Assignment6.py
Assignment7.py
Assignment8.py
Assignment3.p
Assignment8.py > ...
1 fruits = ["apple", "banana", "cherry"]
2 fruits.append("orange")
3 fruits.remove("banana")
4 fruits.sort()
5 print(len(fruits))
6
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
PS C:\Advance_Compro> python -u "c:\Advance_Compro\Assignment8.py"
3
PS C:\Advance_Compro>

9.


Assignment1.py
Assignment2.py
Assignment4.py
Assignment5.py
Assignment6.py
Assignment7.py
Assignment8.py
Assignment9.py
Assignment9.py > ...
1 letters = ["A", "B", "C", "D", "E", "F", "G", "H", "I", "J"]
2 slice_of_first_five_letters = letters[0:5]
3 print(slice_of_first_five_letters)
4 slice_of_last_five_letters = letters[5:10]
5 print(slice_of_last_five_letters)
6 letters.sort(reverse=True)
7 print(letters)
8
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
PS C:\Advance_Compro> python -u "c:\Advance_Compro\Assignment9.py"
['A', 'B', 'C', 'D', 'E']
['F', 'G', 'H', 'I', 'J']
['J', 'I', 'H', 'G', 'F', 'E', 'D', 'C', 'B', 'A']
PS C:\Advance_Compro>

10.


Assignment2.py
Assignment4.py
Assignment5.py
Assignment6.py
Assignment7.py
Assignment8.py
Assignment9.py
Assignment10.py
Assignment10.py > ...
1 student = {"name": "first", "age": "19", "grade": "A"}
2 print(student)
3 student["school"] = "KMITL"
4 del student["grade"]
5 print(student)
6
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
Code
PS C:\Advance_Compro> python -u "c:\Advance_Compro\Assignment10.py"
{'name': 'first', 'age': '19', 'grade': 'A'}
{'name': 'first', 'age': '19', 'school': 'KMITL'}
PS C:\Advance_Compro>