lab3-py

EXPLORER

OPEN EDITORS
- 7.py
- 13.py
- 8.py
- 9.py
- 10.py
- 11.py
- 12.py
- func.py
- main.py

LAB3-PY
- 10.py
- 11.py
- 12.py
- 13.py
- clas1.py
- clas2.py
- clas3.py
- clas4.py
- clas5.py
- clas6.py
- func.py
- main.py
- mov1.py
- mov2.py
- mov3.py
- mov4.py
- mov5.py

OUTLINE

TIMELINE

func.py | main.py | mov1.py | mov2.py | mov3.py | mov4

main.py > ...

```python
from func import is_palindrome, sphere_volume

word = input("enter: ")
print("palindrome:", is_palindrome(word))

r = float(input("radius: "))
print("volume:", sphere_volume(r))

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
```

zsh
Python

0 0 0 Ln 8, Col 1 Spaces: 4 UTF-8 LF Python 3.9.6 64-bit

lab3-py

EXPLORER

OPEN EDITORS
- 13.py
- 8.py
- 9.py
- 10.py
- 11.py
- 12.py
- func.py
- main.py
- mov1.py

LAB3-PY
- 10.py
- 11.py
- 12.py
- 13.py
- clas1.py
- clas2.py
- clas3.py
- clas4.py
- clas5.py
- clas6.py
- func.py
- main.py
- mov1.py
- mov2.py
- mov3.py
- mov4.py
- mov5.py

OUTLINE

TIMELINE

func.py | main.py | mov1.py | mov2.py | mov3.py | mov4

mov1.py > ...

```
56    "imdb": 7.2,
57    "category": "Comedy"
58    },
59    {
60    "name": "What is the name",
61    "imdb": 9.2,
62    "category": "Suspense"
63    },
64    {
65    "name": "Detective",
66    "imdb": 7.0,
67    "category": "Suspense"
68    },
69    {
70    "name": "Exam",
71    "imdb": 4.2,
72    "category": "Thriller"
73    },
74    {
75    "name": "We Two",
76    "imdb": 7.2,
77    "category": "Romance"
78    }
79    ]
80    def is_high_rated(movie):
81        return movie["imdb"] > 5.5
82
83    print(is_high_rated(movies[1]))
```

PROBLEMS | OUTPUT | DEBUG CONSOLE | TERMINAL | PORTS

```
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
```

zsh
Python

0 0 0

Ln 83, Col 34 Spaces: 4 UTF-8 LF Python 3.9.6 64-bit

lab3-py

EXPLORER

OPEN EDITORS
- 12.py
- func.py
- main.py
- mov1.py
- mov2.py
- mov3.py
- mov4.py
- mov5.py
- clas1.py

LAB3-PY
- 10.py
- 11.py
- 12.py
- 13.py
- clas1.py
- clas2.py
- clas3.py
- clas4.py
- clas5.py
- clas6.py
- func.py
- main.py
- mov1.py
- mov2.py
- mov3.py
- mov4.py
- mov5.py

OUTLINE

TIMELINE

clas1.py | clas2.py | clas3.py | clas4.py | clas5.py | clas6.py

clas1.py > ...

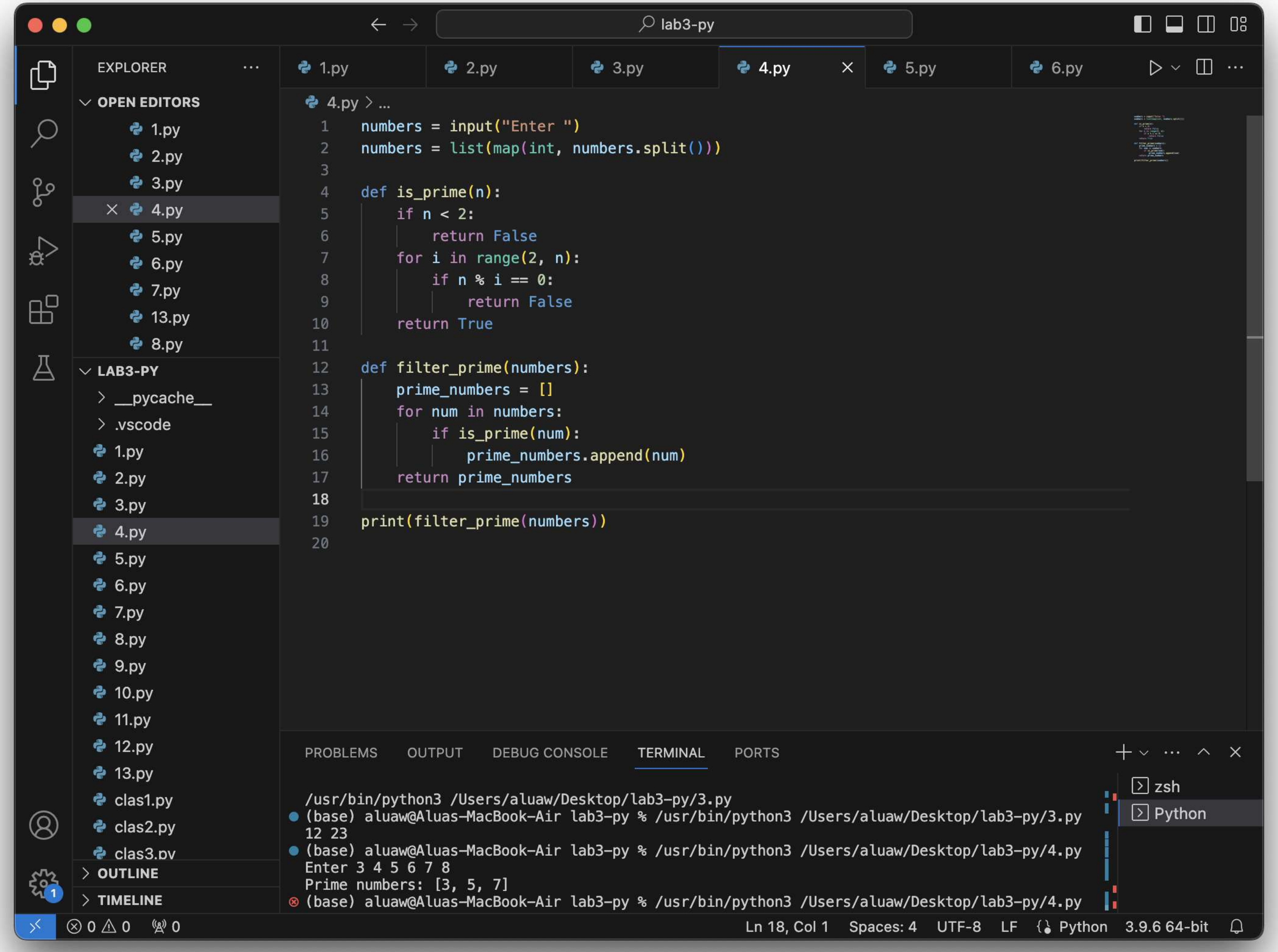
```python
class string:
    def getString(self):
        self.text = input("Enter: ")

    def printString(self):
        print(self.text.upper())

s = string()
s.getString()
s.printString()

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
```

zsh
Python

0 0 0 Ln 11, Col 1 Spaces: 4 UTF-8 LF Python 3.9.6 64-bit


lab3-py
EXPLORER
OPEN EDITORS
1.py
2.py
3.py
4.py
5.py
6.py
7.py
13.py
8.py
LAB3-PY
__pycache__
.vscode
1.py
2.py
3.py
4.py
5.py
6.py
7.py
8.py
9.py
10.py
11.py
12.py
13.py
clas1.py
clas2.py
clas3.py
OUTLINE
TIMELINE
1.py
2.py
3.py
4.py
5.py
6.py
4.py > ...
1 numbers = input("Enter ")
2 numbers = list(map(int, numbers.split()))
3
4 def is_prime(n):
5 if n < 2:
6 return False
7 for i in range(2, n):
8 if n % i == 0:
9 return False
10 return True
11
12 def filter_prime(numbers):
13 prime_numbers = []
14 for num in numbers:
15 if is_prime(num):
16 prime_numbers.append(num)
17 return prime_numbers
18
19 print(filter_prime(numbers))
20
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
zsh
Python
0 0 0
Ln 18, Col 1
Spaces: 4
UTF-8
LF
Python
3.9.6 64-bit

lab3-py

EXPLORER

OPEN EDITORS
- 1.py
- 2.py
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 13.py
- 8.py

LAB3-PY
- __pycache__
- .vscode
- 1.py
- 2.py
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 8.py
- 9.py
- 10.py
- 11.py
- 12.py
- 13.py
- clas1.py
- clas2.py
- clas3.py

OUTLINE

TIMELINE

1.py | 2.py | 3.py | 4.py | 5.py | 6.py

5.py > string_permutations

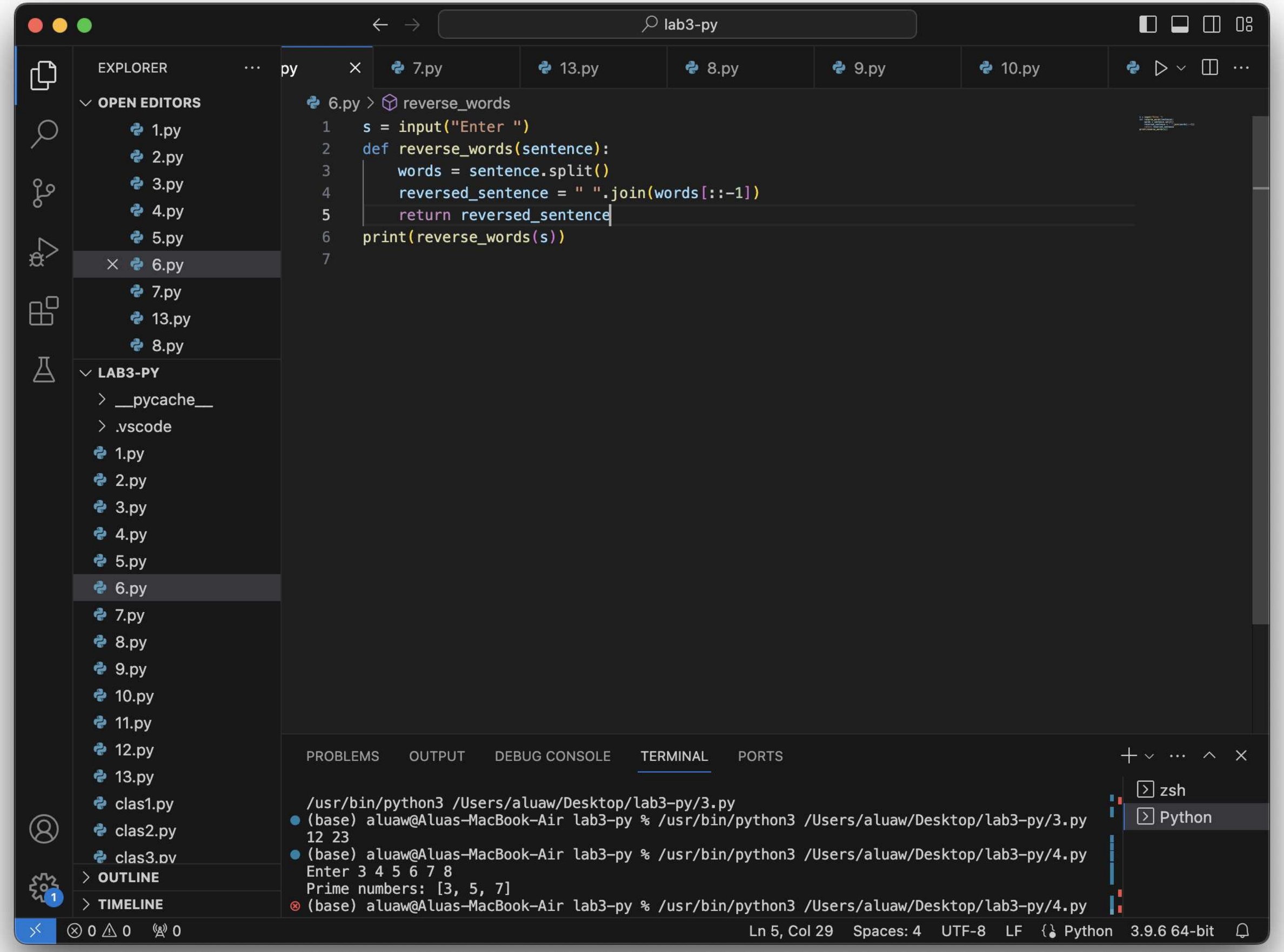
```python
s = input("Enter ")
def string_permutations(s):
    if len(s) == 1:
        return [s]

    result = []
    for i in range(len(s)):
        char = s[i]
        remaining_chars = s[:i] + s[i+1:]
        for perm in string_permutations(remaining_chars):
            result.append(char + perm)

    return result
permutations = string_permutations(s)
for p in permutations:
    print(p)

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
```

zsh
Python

0 0 0 Ln 2, Col 1 Spaces: 4 UTF-8 LF Python 3.9.6 64-bit


lab3-py
EXPLORER
OPEN EDITORS
1.py
2.py
3.py
4.py
5.py
6.py
7.py
13.py
8.py
LAB3-PY
__pycache__
.vscode
1.py
2.py
3.py
4.py
5.py
6.py
7.py
8.py
9.py
10.py
11.py
12.py
13.py
clas1.py
clas2.py
clas3.py
OUTLINE
TIMELINE
py
7.py
13.py
8.py
9.py
10.py
6.py > reverse_words
s = input("Enter ")
def reverse_words(sentence):
words = sentence.split()
reversed_sentence = " ".join(words[::-1])
return reversed_sentence
print(reverse_words(s))
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
zsh
Python
0 0 0
Ln 5, Col 29
Spaces: 4
UTF-8
LF
Python
3.9.6 64-bit

lab3-py

EXPLORER

OPEN EDITORS
- 1.py
- 2.py
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 13.py
- 8.py

LAB3-PY
- __pycache__
- .vscode
- 1.py
- 2.py
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 8.py
- 9.py
- 10.py
- 11.py
- 12.py
- 13.py
- clas1.py
- clas2.py
- clas3.py

OUTLINE

TIMELINE

6.py | 7.py | 13.py | 8.py | 9.py | 10.py

7.py > ...

```python
def has_33(nums):
    for i in range(len(nums) - 1):
        if nums[i] == 3 and nums[i + 1] == 3:
            return True
    return False

numbers = list(map(int, input("Enter: ").split()))
print(has_33(numbers))

```

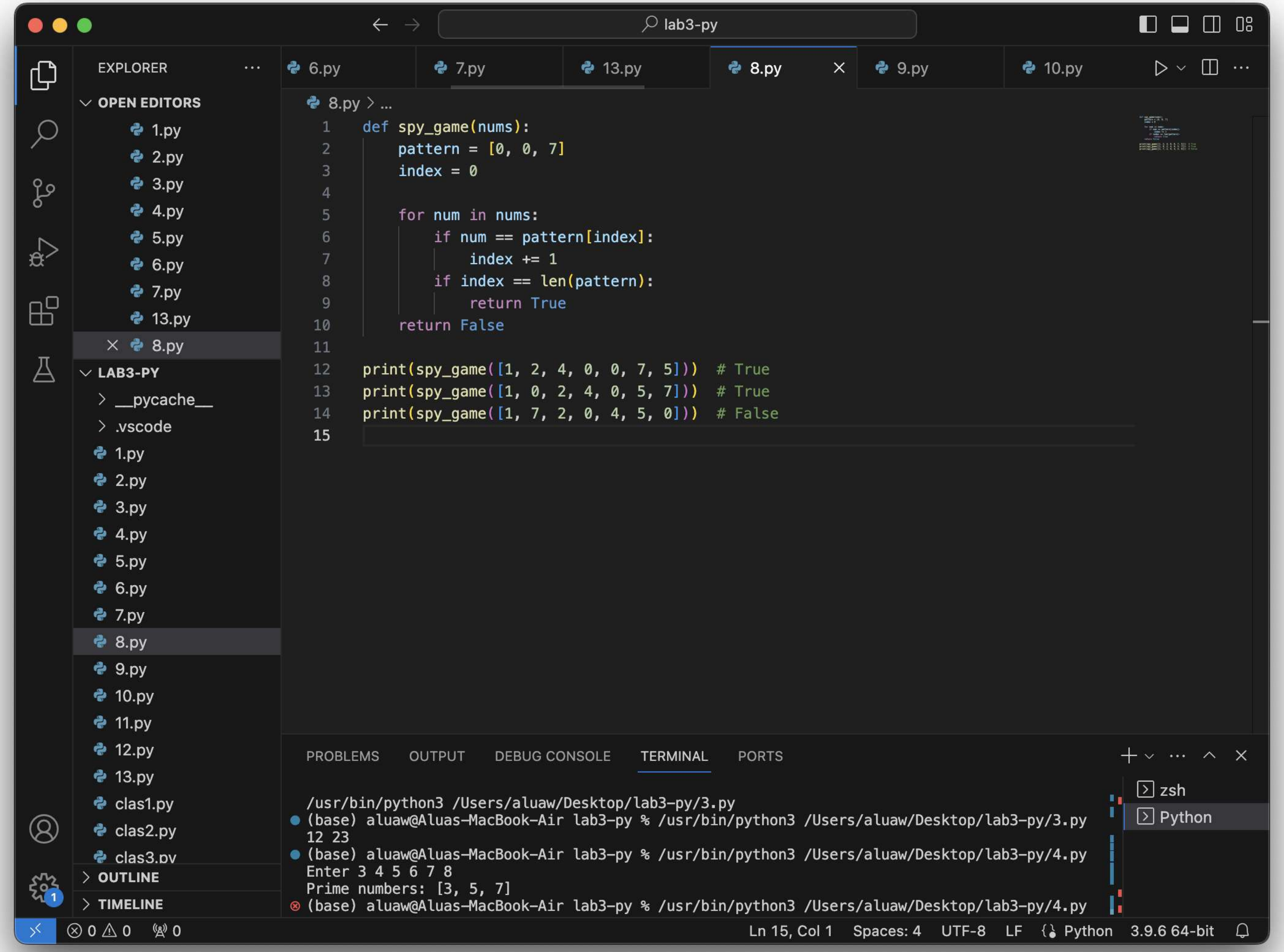
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

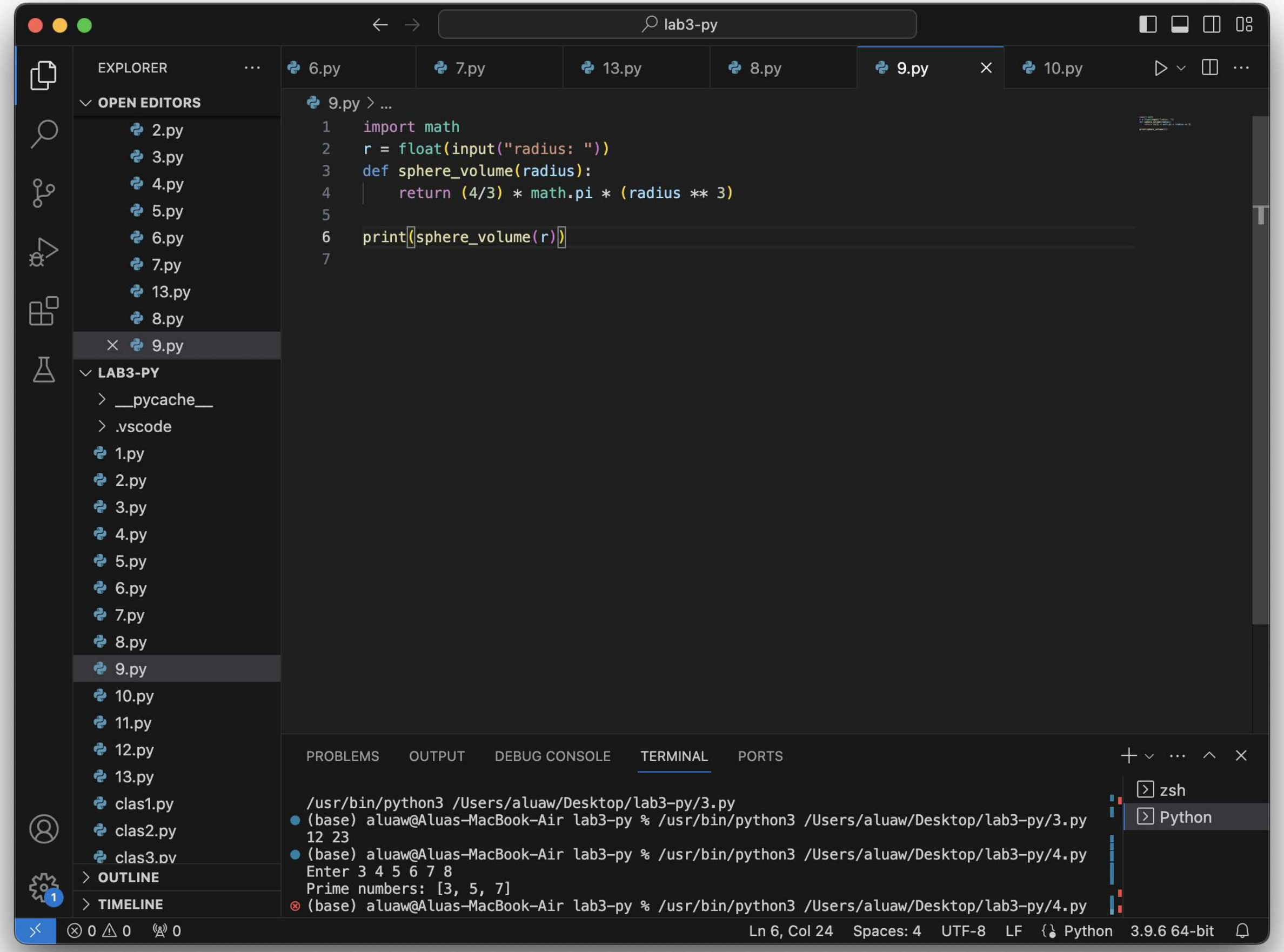
```
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
```

zsh
Python

0 0 0

Ln 8, Col 7 Spaces: 4 UTF-8 LF Python 3.9.6 64-bit


lab3-py
EXPLORER
OPEN EDITORS
1.py
2.py
3.py
4.py
5.py
6.py
7.py
13.py
8.py
LAB3-PY
__pycache__
.vscode
1.py
2.py
3.py
4.py
5.py
6.py
7.py
8.py
9.py
10.py
11.py
12.py
13.py
clas1.py
clas2.py
clas3.py
OUTLINE
TIMELINE
6.py
7.py
13.py
8.py
9.py
10.py
8.py > ...
def spy_game(nums):
pattern = [0, 0, 7]
index = 0
for num in nums:
if num == pattern[index]:
index += 1
if index == len(pattern):
return True
return False
print(spy_game([1, 2, 4, 0, 0, 7, 5])) # True
print(spy_game([1, 0, 2, 4, 0, 5, 7])) # True
print(spy_game([1, 7, 2, 0, 4, 5, 0])) # False
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
zsh
Python
0 0 0
Ln 15, Col 1
Spaces: 4
UTF-8
LF
Python
3.9.6 64-bit


lab3-py
EXPLORER
OPEN EDITORS
2.py
3.py
4.py
5.py
6.py
7.py
13.py
8.py
9.py
LAB3-PY
__pycache__
.vscode
1.py
2.py
3.py
4.py
5.py
6.py
7.py
8.py
9.py
10.py
11.py
12.py
13.py
clas1.py
clas2.py
clas3.py
OUTLINE
TIMELINE
6.py
7.py
13.py
8.py
9.py
10.py
9.py > ...
1 import math
2 r = float(input("radius: "))
3 def sphere_volume(radius):
4 return (4/3) * math.pi * (radius ** 3)
5
6 print(sphere_volume(r))
7
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
zsh
Python
0 0 0
Ln 6, Col 24
Spaces: 4
UTF-8
LF
Python
3.9.6 64-bit

lab3-py

EXPLORER

OPEN EDITORS
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 13.py
- 8.py
- 9.py
- 10.py

LAB3-PY
- __pycache__
- .vscode
- 1.py
- 2.py
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 8.py
- 9.py
- 10.py
- 11.py
- 12.py
- 13.py
- clas1.py
- clas2.py
- clas3.py

OUTLINE

TIMELINE

6.py | 7.py | 13.py | 8.py | 9.py | 10.py

10.py > ...

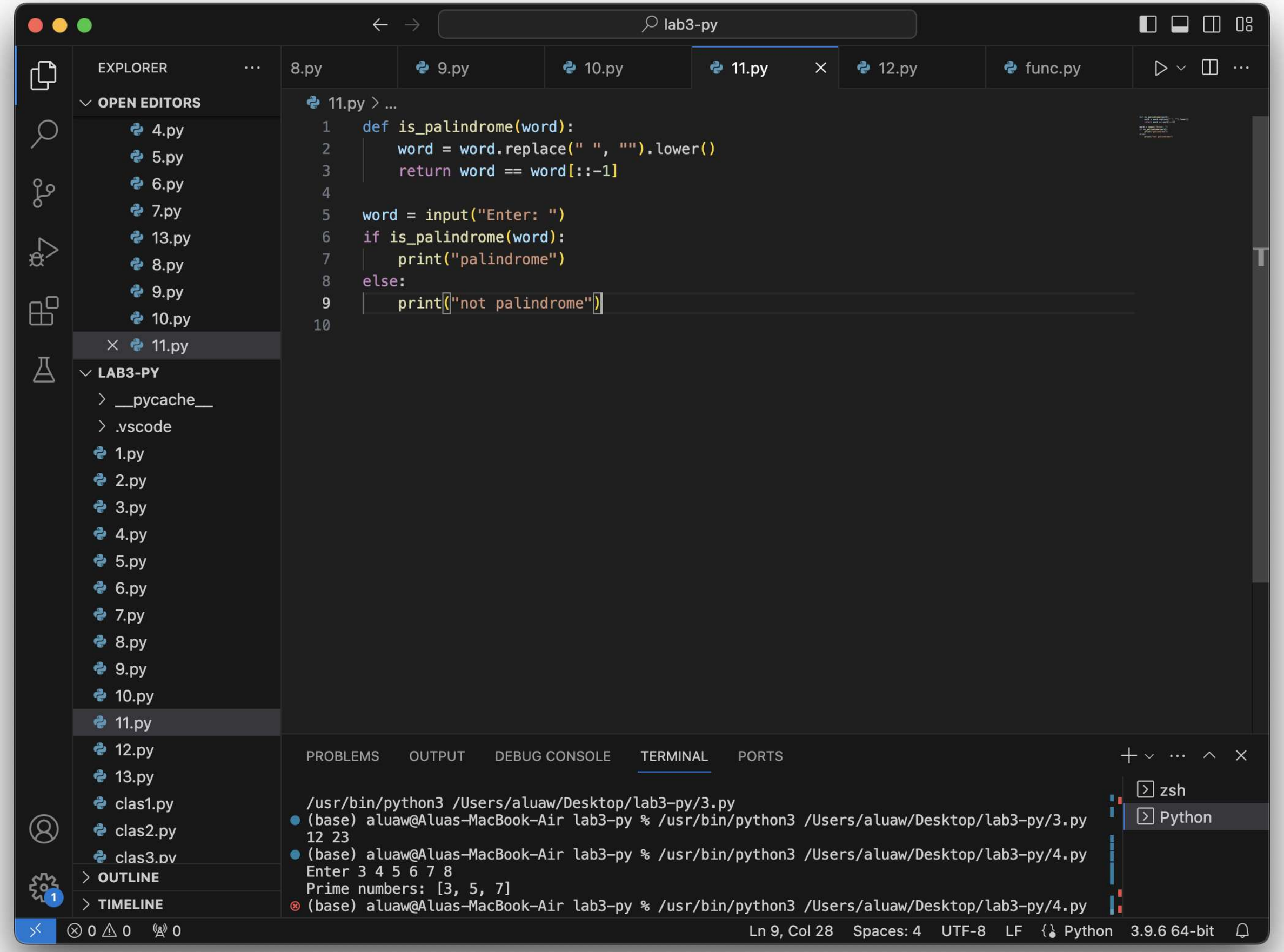
```python
numbers = list(map(int, input("Enter ").split()))
def unique_elems(lst):
    unique_list = []
    for item in lst:
        if item not in unique_list:
            unique_list.append(item)
    return unique_list

print(unique_elems(numbers))
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
```

zsh
Python

0 0 0 Ln 9, Col 29 Spaces: 4 UTF-8 LF Python 3.9.6 64-bit


lab3-py
EXPLORER
OPEN EDITORS
4.py
5.py
6.py
7.py
13.py
8.py
9.py
10.py
11.py
LAB3-PY
__pycache__
.vscode
1.py
2.py
3.py
4.py
5.py
6.py
7.py
8.py
9.py
10.py
11.py
12.py
13.py
clas1.py
clas2.py
clas3.py
OUTLINE
TIMELINE
8.py
9.py
10.py
11.py
12.py
func.py
11.py > ...
1 def is_palindrome(word):
2 word = word.replace(" ", "").lower()
3 return word == word[::-1]
4
5 word = input("Enter: ")
6 if is_palindrome(word):
7 print("palindrome")
8 else:
9 print("not palindrome")
10
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
zsh
Python
0 0 0
Ln 9, Col 28
Spaces: 4
UTF-8
LF
Python
3.9.6 64-bit

lab3-py

EXPLORER

8.py | 9.py | 10.py | 11.py | 12.py | func.py

OPEN EDITORS
- 5.py
- 6.py
- 7.py
- 13.py
- 8.py
- 9.py
- 10.py
- 11.py
- 12.py

LAB3-PY
- __pycache__
- .vscode
- 1.py
- 2.py
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 8.py
- 9.py
- 10.py
- 11.py
- 12.py
- 13.py
- clas1.py
- clas2.py
- clas3.py

OUTLINE

TIMELINE

12.py > ...

```python
numbers = list(map(int, input("Enter: ").split()))
def histogram(lst):
    for num in lst:
        print("*" * num)

histogram(numbers)

```

PROBLEMS | OUTPUT | DEBUG CONSOLE | TERMINAL | PORTS

```
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
```

zsh
Python

0 0 0 | Ln 7, Col 1 | Spaces: 4 | UTF-8 | LF | Python | 3.9.6 64-bit

lab3-py

EXPLORER

OPEN EDITORS
- 5.py
- 6.py
- 7.py
- 13.py
- 8.py
- 9.py
- 10.py
- 11.py
- 12.py

LAB3-PY
- __pycache__
- .vscode
- 1.py
- 2.py
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 8.py
- 9.py
- 10.py
- 11.py
- 12.py
- 13.py
- clas1.py
- clas2.py
- clas3.py

OUTLINE

TIMELINE

7.py | 13.py | 8.py | 9.py | 10.py | 11.py

13.py > ...

```python
import random

def guess_the_number():
    name = input("Hello! What is your name? ")
    print(f"\nWell, {name}, I am thinking of a number between 1 and 20.")

    number = random.randint(1, 20)
    attempts = 0

    while True:
        guess = int(input("Take a guess: "))
        attempts += 1

        if guess < number:
            print("Your guess is too low.")
        elif guess > number:
            print("Your guess is too high.")
        else:
            print(f"Good job, {name}! You guessed my number in {attempts} guesses!")
            break

guess_the_number()

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
```

zsh
Python

0 0 0 Ln 23, Col 1 Spaces: 4 UTF-8 LF Python 3.9.6 64-bit

lab3-py

EXPLORER

OPEN EDITORS
- 1.py
- 2.py
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 13.py
- 8.py

LAB3-PY
- __pycache__
- .vscode
- 1.py
- 2.py
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 8.py
- 9.py
- 10.py
- 11.py
- 12.py
- 13.py
- clas1.py
- clas2.py
- clas3.py

OUTLINE

TIMELINE

1.py | 2.py | 3.py | 4.py | 5.py | 6.py

1.py > func

```python
grams=int(input("Enter: "))
def func(grams):
    ounces = 28.3495231 * grams
    print(ounces)

func(grams)

```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
```

zsh
Python

0 0 0

Ln 3, Col 29 Spaces: 4 UTF-8 LF Python 3.9.6 64-bit

lab3-py

EXPLORER

OPEN EDITORS
- 1.py
- 2.py
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 13.py
- 8.py

LAB3-PY
- __pycache__
- .vscode
- 1.py
- 2.py
- 3.py
- 4.py
- 5.py
- 6.py
- 7.py
- 8.py
- 9.py
- 10.py
- 11.py
- 12.py
- 13.py
- clas1.py
- clas2.py
- clas3.py

OUTLINE

TIMELINE

1.py | 2.py | 3.py | 4.py | 5.py | 6.py

2.py > ...

```python
F=int(input("enter F:"))
def temp(F):
    C = (5 / 9) * (F-32)
    print(C)
temp(F)

```

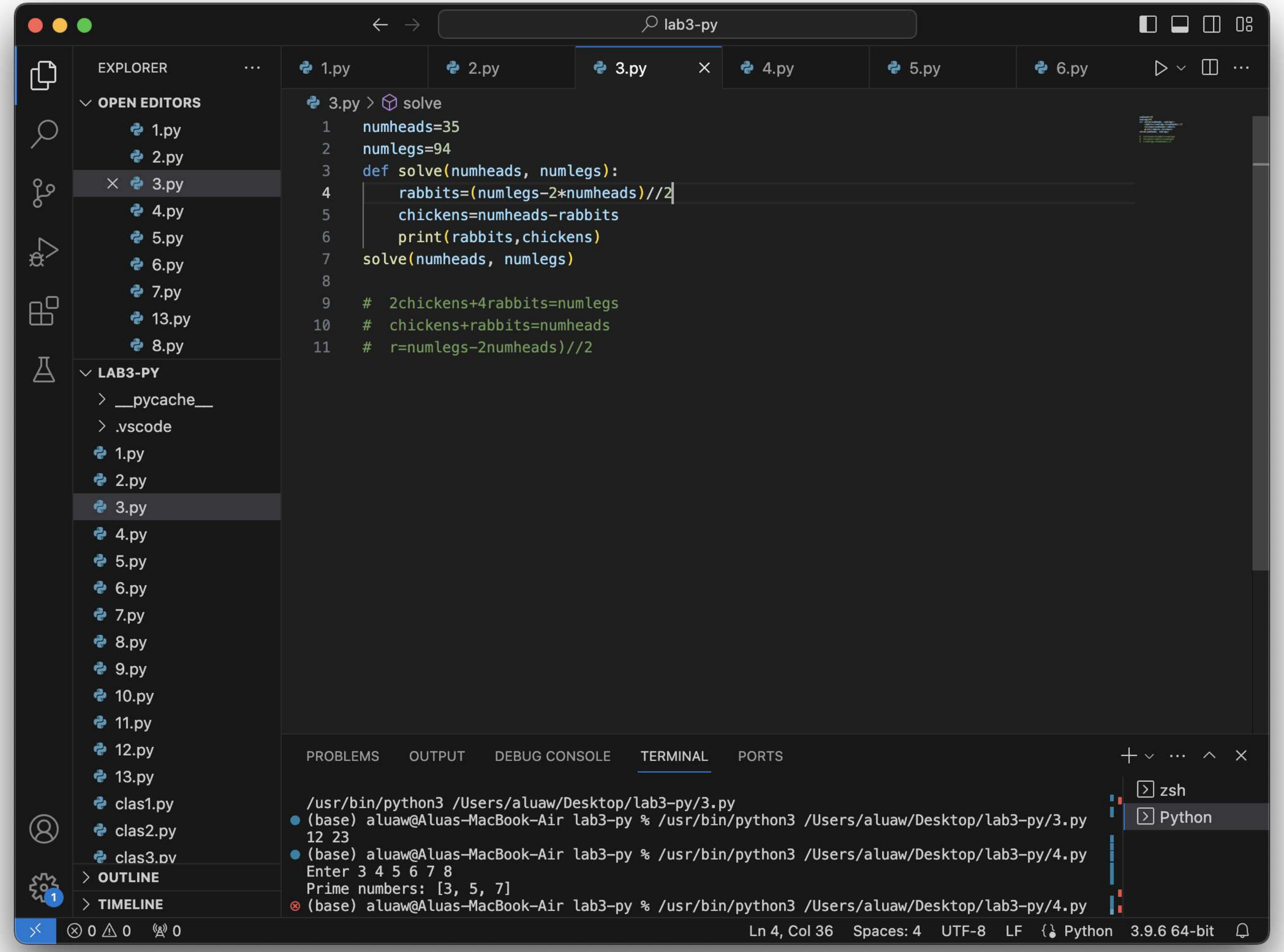
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
```

zsh
Python

0 0 0

Ln 1, Col 22 Spaces: 4 UTF-8 LF Python 3.9.6 64-bit


lab3-py
EXPLORER
OPEN EDITORS
1.py
2.py
3.py
4.py
5.py
6.py
7.py
13.py
8.py
LAB3-PY
__pycache__
.vscode
1.py
2.py
3.py
4.py
5.py
6.py
7.py
8.py
9.py
10.py
11.py
12.py
13.py
clas1.py
clas2.py
clas3.py
OUTLINE
TIMELINE
1.py
2.py
3.py
4.py
5.py
6.py
3.py > solve
1 numheads=35
2 numlegs=94
3 def solve(numheads, numlegs):
4 rabbits=(numlegs-2*numheads)//2
5 chickens=numheads-rabbits
6 print(rabbits,chickens)
7 solve(numheads, numlegs)
8
9 # 2chickens+4rabbits=numlegs
10 # chickens+rabbits=numheads
11 # r=numlegs-2numheads)//2
PROBLEMS
OUTPUT
DEBUG CONSOLE
TERMINAL
PORTS
/usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/3.py
12 23
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
Enter 3 4 5 6 7 8
Prime numbers: [3, 5, 7]
(base) aluaw@Aluas-MacBook-Air lab3-py % /usr/bin/python3 /Users/aluaw/Desktop/lab3-py/4.py
zsh
Python
0 0 0
Ln 4, Col 36
Spaces: 4
UTF-8
LF
Python
3.9.6 64-bit