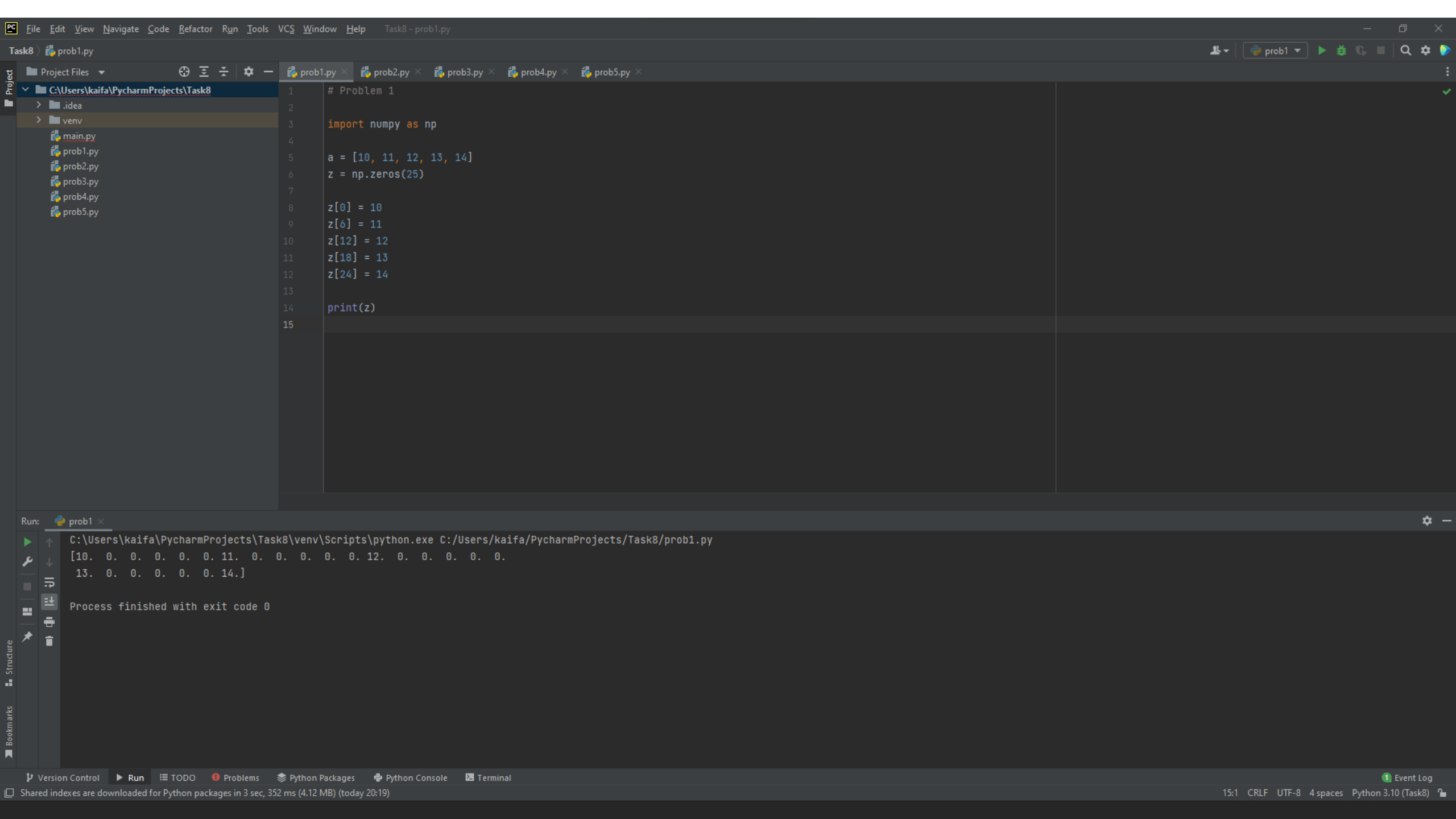




# Task 8

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KAIF AHMED R



PC File Edit View Navigate Code Refactor Run Tools VCS Window Help Task8 - prob2.py

Task8 prob2.py

Project Files

- Project
- C:\Users\kaifa\PycharmProjects\Task8
  - .idea
  - venv
    - main.py
    - prob1.py
    - prob2.py
    - prob3.py
    - prob4.py
    - prob5.py

```
1 # Problem 2
2
3 import numpy as np
4
5 a = []
6 b = []
7
8 L = int(input("Enter the length of the arrays"))
9
10 print("Enter first array elements")
11 for i in range(0, L):
12     value = int(input())
13     a.append(value)
14
15 print("Enter second array elements")
16 for i in range(0, L):
17     value = int(input())
18     b.append(value)
19
```

Run: prob2

C:\Users\kaifa\PycharmProjects\Task8\venv\Scripts\python.exe C:/Users/kaifa/PycharmProjects/Task8/prob2.py

Enter the length of the arrays 3

Enter first array elements

1

0

2

0

3

Enter second array elements

1

0

2

0

3

Array A == [1 0 2 0 3]

Array B == [1 0 2 0 3]

True

Process finished with exit code 0

Version Control Run TODO Problems Python Packages Python Console Terminal

PEP 8: W292 no newline at end of file

PC File Edit View Navigate Code Refactor Run Tools VCS Window Help Task8 - prob2.py

Task8 prob2.py

Project Files

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15 print("Enter second array elements")
16 for i in range(0, L):
17     value = int(input())
18     b.append(value)
19
```

Run: prob2

C:\Users\kaifa\PycharmProjects\Task8\venv\Scripts\python.exe C:/Users/kaifa/PycharmProjects/Task8/prob2.py

Enter the length of the arrays 3

Enter first array elements

1

2

3

4

Enter second array elements

1

2

3

4

5

Array A == [1 1 2 3 4]

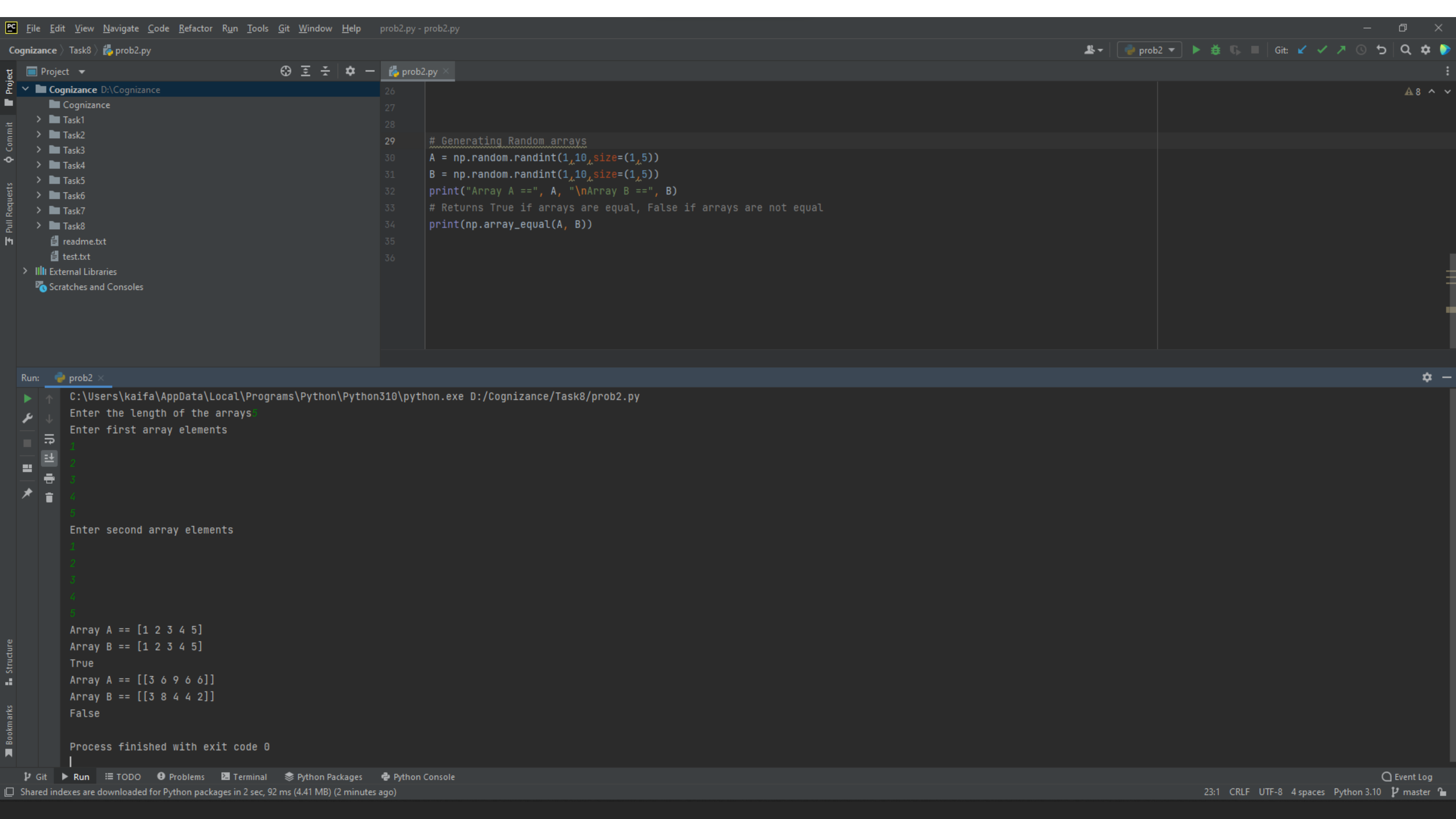
Array B == [1 2 3 4 5]

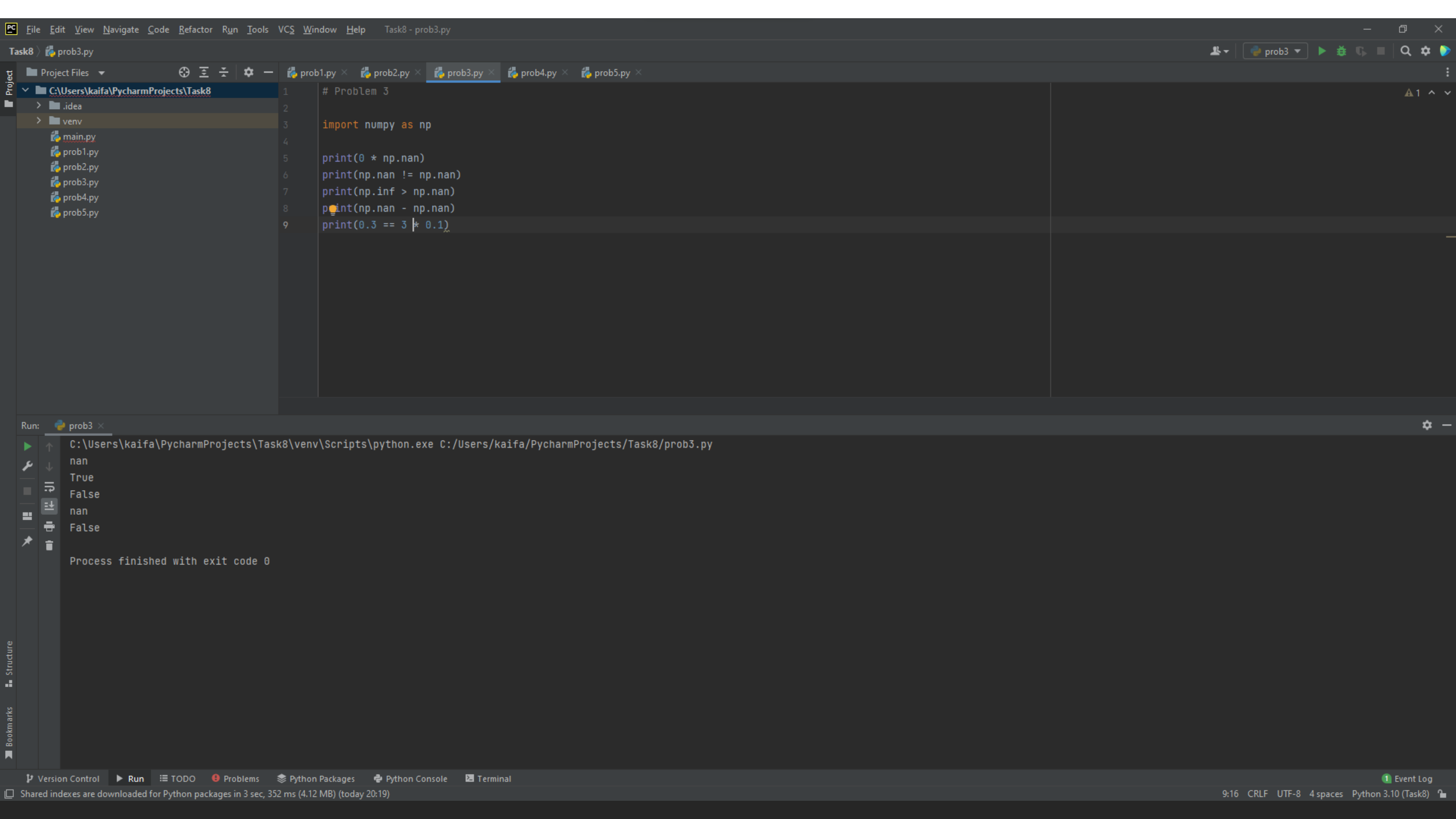
False

Process finished with exit code 0

Version Control Run TODO Problems Python Packages Python Console Terminal

Shared indexes are downloaded for Python packages in 3 sec, 352 ms (4.12 MB) (today 20:19)





PC

FileEditViewNavigateCodeRefactorRunToolsVCSWindowHelpTask8 - prob4.py

Task8prob4.py

Project Files

C:\Users\kaifa\PycharmProjects\Task8

.idea

venv

main.py

prob1.py

prob2.py

prob3.py

prob4.py

prob5.py

1

# Problem 4

2

3

import pandas as pd

4

import numpy as np

5

6

series = pd.Series(['amrita', 'school', 'of', 'engineering', 'chennai', 'campus'])

7

newSeries = series.map(lambda x: x[0].upper() + x[1:-1] + x[-1])

8

9

print(series)

10

print(newSeries)

11

12

a = np.array(newSeries)

13

print(\*a, sep=' ')

14

Run: prob4

C:\Users\kaifa\PycharmProjects\Task8\venv\Scripts\python.exe C:/Users/kaifa/PycharmProjects/Task8/prob4.py

0amrita

1school

2of

3engineering

4chennai

5campus

dtype: object

0Amrita

1School

2Of

3Engineering

4Chennai

5Campus

dtype: object

Amrita School Of Engineering Chennai Campus

Process finished with exit code 0

Version Control

Run

TODO

Problems

Python Packages

Python Console

Terminal

Event Log

Shared indexes are downloaded for Python packages in 3 sec, 352 ms (4.12 MB) (today 20:19)

CRLFUTF-84 spacesPython 3.10 (Task8)

