

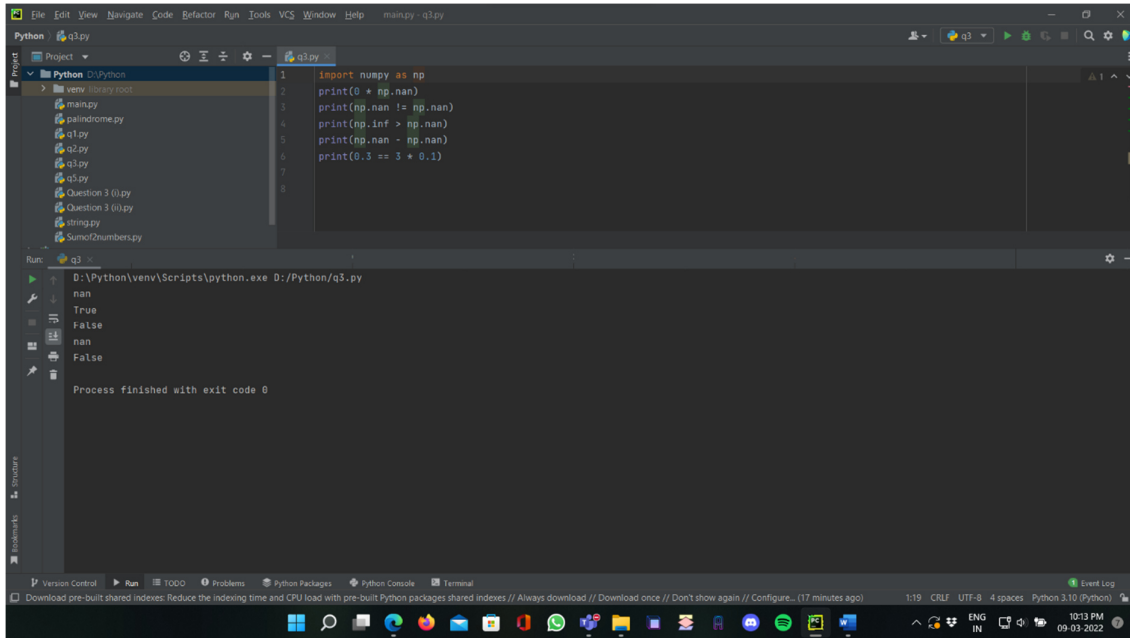
Q1

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help main.py: q1.py
Python q1.py
Project
Python D:\Python
venv\library root
main.py
palindrome.py
q1.py
Question 3 (0).py
string.py
SumOf2numbers.py
External Libraries
Scratches and Consoles
Run
D:\Python\venv\Scripts\python.exe D:/Python/q1.py
[1, 0, 0, 0, 0, 2, 0, 0, 0, 0, 3, 0, 0, 0, 0, 4, 0, 0, 0, 5.]
Process finished with exit code 0
Version Control Run TODO Problems Python Packages Python Console Terminal
PEP 8: E231 missing whitespace after ''
```

Q2

```
File Edit View Navigate Code Refactor Run Tools VCS Window Help main.py: q2.py
Python q2.py
Project
Python D:\Python
venv\library root
main.py
palindrome.py
q1.py
q2.py
Question 3 (0).py
string.py
SumOf2numbers.py
External Libraries
Run
D:\Python\venv\Scripts\python.exe D:/Python/q2.py
First array:
[0 1 1 0 0 1]
Second array:
[1 0 0 1 1 0]
Test above two arrays are equal or not!
False
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
```

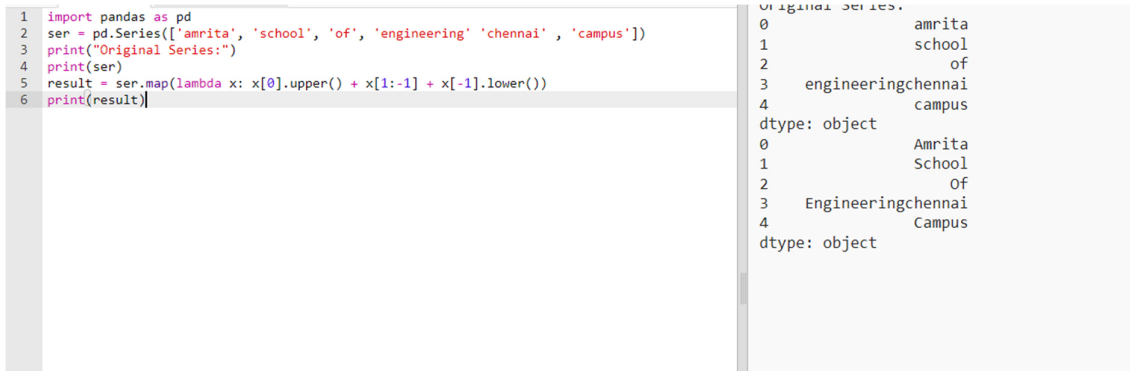
Q3



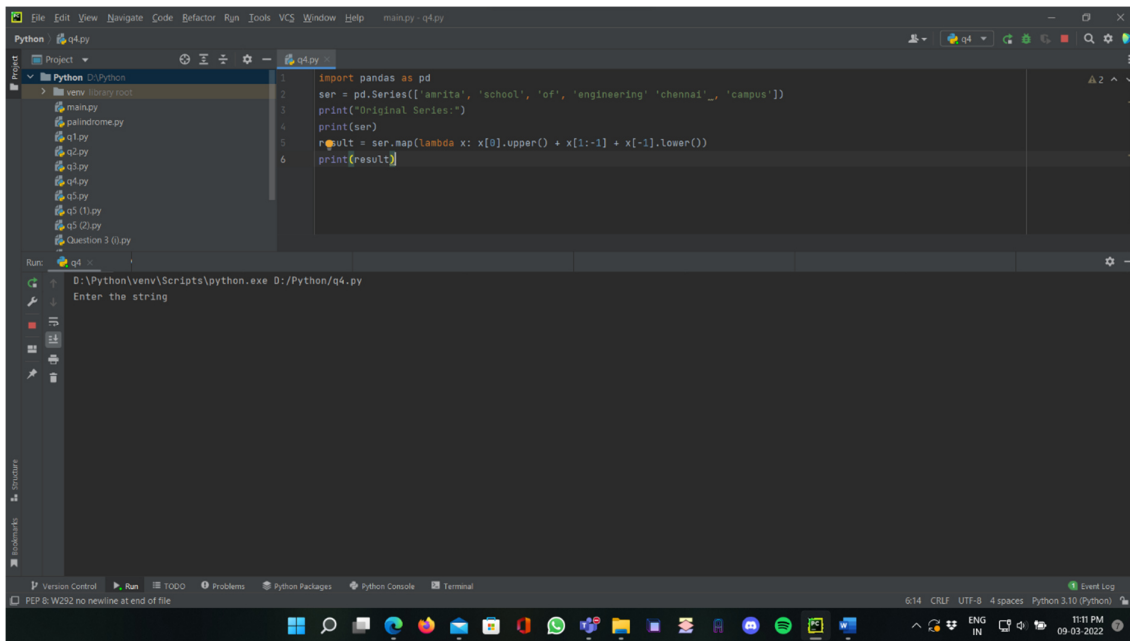
Q4

I don't understand 4th question ... still tryna solve

This is in online compiler



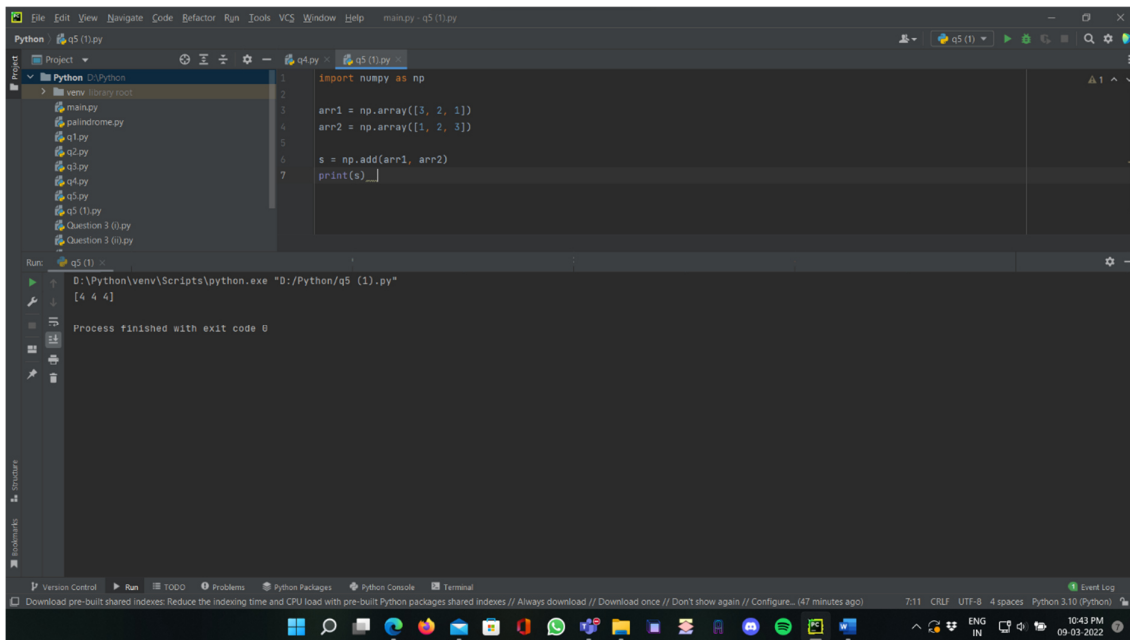
But I get this as my answer



```
1 import pandas as pd
2 ser = pd.Series(['aarita', 'school', 'of', 'engineering', 'chennai_', 'campus'])
3 print("Original Series:")
4 print(ser)
5 result = ser.map(lambda x: x[0].upper() + x[1:-1] + x[-1].lower())
6 print(result)
```

Run: D:\Python\venv\Scripts\python.exe D:/Python/q4.py
Enter the string

Q5 (1)



```
1 import numpy as np
2 arr1 = np.array([3, 2, 1])
3 arr2 = np.array([1, 2, 3])
4
5 s = np.add(arr1, arr2)
6 print(s)
```

Run: D:\Python\venv\Scripts\python.exe "D:/Python/q5 (1).py"
[4 4 4]
Process finished with exit code 0

Q5 (2)

