Question 1

```
vector_zero ×

C:\Users\nmura_aj5b5a\Pycharm\pyProjects\Scripts\python.exe C:\Users\nmura_aj5b5a\PycharmProjects\Cognizance\vector_zero.py
enter the first number: 10
enter the second number: 16
[10 11 12 13 14]
enter the no. of zeros interleaved: 5

[10. 0. 0. 0. 0. 11. 0. 0. 0. 0. 0. 12. 0. 0. 0. 0. 0.
13. 0. 0. 0. 0. 0. 14.]

Process finished with exit code 0
```

Question 2

```
eq_array ×

C:\Users\nmura_aj5b5a\Pycharm\pyProjects\Scripts\python.exe C:/Users/nmura_aj5b5a/PycharmProjects/Cognizance/eq_array.py

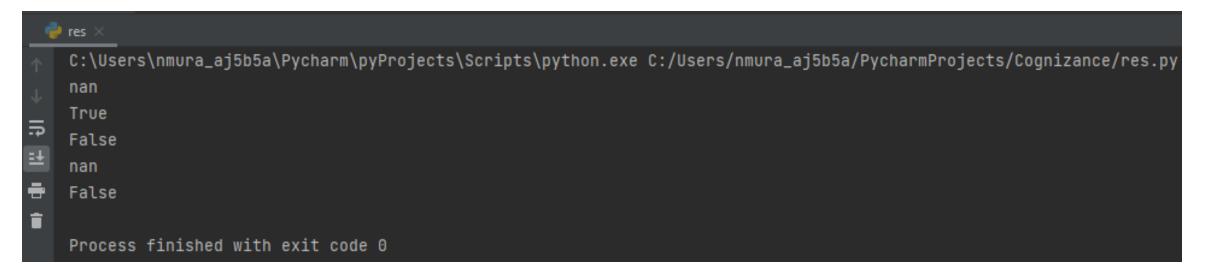
[2 1 1 1 1 2]

[1 0 0 0 2 2]

False

Process finished with exit code 0
```

Question 3



Question 4



Question 5

```
Process finished with exit code 0

C:\Users\nmura_aj5b5a\Pycharm\pyProjects\Scripts\python.exe C:\Users\nmura_aj5b5a\PycharmProjects\Cognizance\Q-5.py

The addition of two arrays

[7 6 13 15 5]

[[1. 0. 0.]

[0. 1. 0.]

Process finished with exit code 0
```