**Numpy Arrays**

**Assignment 2**

1. Write a NumPy program to reverse an array (first element becomes last).
2. Write a NumPy program to extract all odd numbers from an array.
3. Write a NumPy program to create a 2d array with 1 on the border and 0 inside.
4. Write a NumPy program to append values to the end of an array.
5. Write a NumPy program to compute the median of flattened given array.
6. Write a NumPy program to find the most frequent value in an array.
7. Write a NumPy program to check two random arrays are equal or not
8. Write a NumPy program to get the powers of an array values element-wise.
9. Write a NumPy program to add, subtract, multiply, divide arguments element-wise.
10. Write a NumPy program to compute the multiplication of two given matrixes.
11. Write a NumPy program to Replace all odd numbers in arr with -1
12. Replace all odd numbers in arr with -1 without changing arr
13. Convert a 1D array to a 2D array with 2 rows
14. Write a numpy program to swap two columns in a 2d numpy array?
15. Write a numpy program to swap two rows in a 2d numpy array?
16. Write a numpy program to reverse the rows of a 2D array?
17. Write a numpy program to reverse the columns of a 2D array?