Q1-Write a NumPy program to swap rows and columns of a given array in reverse order.

Q2(a)- Write a NumPy program to find the most frequent value in an array.

array:

[6 9 5 1 4 6 7 8 9 8 7 1 7 5 1 0 1 5 5 0 8 9 0 7 0 7 6 5 1 1 9 5 3 8 7 9

6 3 4 5 9 7 2 7 0 2 2 6]

-b)sort the frequent values in descending order

Q3- Write a Pandas Program to create a dataframe such that the column labels are Name, Rollnumber, Subject1, Subject2 and Total

1. Using Pandas function itself calculate the statistical summary(mean, median, mode, Quartiles, etc) of all the numerical columns.
2. Sort the entire dataframe based on the alphabetical order
3. Change the dataset such that there are missing values and NAN values in the dataset and handle them appropriately.