

Q1. Find the majority element in array.

(A majority element in an array is an element that appears more than $n/2$ times where n is the size of the array.)

Q2. Java Program To Find Two Elements whose Sum is Closest to Zero.

(Two elements in a given array of positive and negative numbers such that their sum is close to zero.)

for example- taking array $\{-2, -1, 3, 6, 5\}$

output: -2 and 3

Q3. To check the number is fascinating number or not.

(A fascinating number is a number that, when multiplied by 2 and 3, results in a concatenation of the original number and its products (in any order), containing all digits from 1 to 9 exactly once. For example, the number 192 is a fascinating number because:

$$192 * 1 = 192$$

$$192 * 2 = 384$$

$$192 * 3 = 576$$

Concatenating the results: 192384576 contains all digits from 1 to 9 exactly once.)

Q4. Permutation of string.

Q5. WAP To Convert a String to an Integer .

for example-

Input-"56789"

Output-56789.

Q6.

3 3 3 3 3

3 2 2 2 3

3 2 1 2 3

3 2 2 2 3

3 3 3 3 3