**JAVA CODING CHALLENGE: 29-05-2020**

1. Write a Program in Java to check whether a number is an Armstrong Number or not.

**SAMPLE OUTPUT:**

Input an integer: **153**

Is Armstrong number? **True**

2. Write a Java program to find the second most frequent character in a given string.

**Sample Output:**

The given string is: **successes**

The second most frequent char in the string is: c

3. Write a Java program to find the length of the longest consecutive elements sequence from a given unsorted array of integers.

**SAMPLE OUTPUT:**

Sample array: [49, 1, 3, 200, 2, 4, 70, 5]  
The longest consecutive elements sequence is [1, 2, 3, 4, 5], therefore the program will return its length 5

4. Write a Java program to segregate all 0s on left side and all 1s on right side of a given array of 0s and 1s.

**SAMPLE OUTPUT:**

Sample array: [1,0,1,1,0,0,1,1]  
So, the Output must be: [0,0,0,1,1,1,1,1]