

1. Write a Java program to move every positive number to the right and every negative number to the left of a given array of integers.

Expected Output:

Original array: [-2, 3, 4, -1, -3, 1, 2, -4, 0]

Result: [-4, -3, -2, -1, 0, 1, 2, 3, 4]

2. Write a Java program to compute a specified formula.

Specified Formula :

$4.0 * (1 - (1.0/3) + (1.0/5) - (1.0/7) + (1.0/9) - (1.0/11))$

Expected Output

2.9760461760461765

3. Write a Java program to convert a decimal number to hexadecimal number.

Input Data:

Input a decimal number: 15

Expected Output

Hexadecimal number is : F

4. Write a Java program to convert a binary number to hexadecimal number.

Input Data:

Input a Binary Number: 1101

Expected Output

HexaDecimal value: D

5. Write a Java program to count the letters, spaces, numbers and other characters of an input string.

Expected Output

The string is : Aa kiu, I swd skieo 236587. GH kiu: sieo?? 25.33

letter: 23

space: 9

number: 10

other: 6

6. Write a Java program to create and display unique three-digit number using 1, 2, 3, 4. Also count how many three-digit numbers are there.

Expected Output

123

124

...

431

432

Total number of the three-digit-number is 24