

Sample problem: Create a method that takes the elements of a given a string array and adds the elements in a second string array of the same size in a reverse order.

#### Problem 1

Create a method that will print each element of an int array and tell you whether that number is even or odd where each element is on a different line.

#### Problem 2

Create a method that will be given an int array of with an even number of elements, and give the sum of the elements of the first half of the array and then on a new line give the product of the elements in the second half of the array.

#### Problem 3

Create a method that, given a string, will write the string in reverse order.

#### Problem: Extra Credit (30 Points)

Create a method that takes the elements of a given a string array and adds the elements in a second string array of the same size in order of the length of each string in the first array from the smallest length to the largest. If two strings are the same length then put the first sting in the array that is that length.