

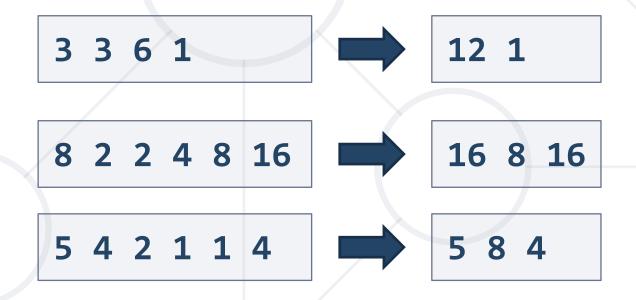
Java Foundations



Problem: Sum Adjacent Equal Numbers



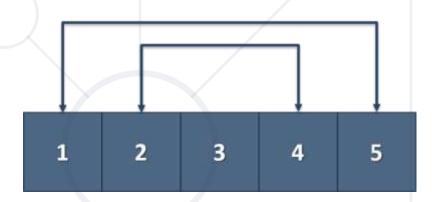
- Write a program to sum all adjacent equal numbers in a list of decimal numbers, starting from left to right
- Examples:

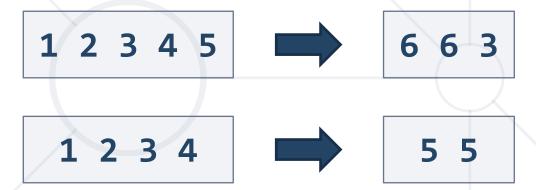


Problem: Gauss' Trick



- Write a program that sums all numbers in a list in the following order:
 - first + last, first + 1 + last 1, first + 2 + last 2, ... first + n, last n
- Examples:

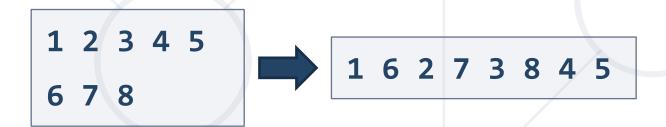


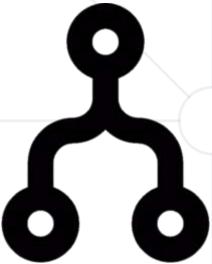


Problem: Merging Lists



- You receive two lists with numbers. Print a result list which contains the numbers from both lists
 - If the length of the two lists is not equal, just add the remaining elements at the end of the list
 - list1[0], list2[0], list1[1], list2[1], ...



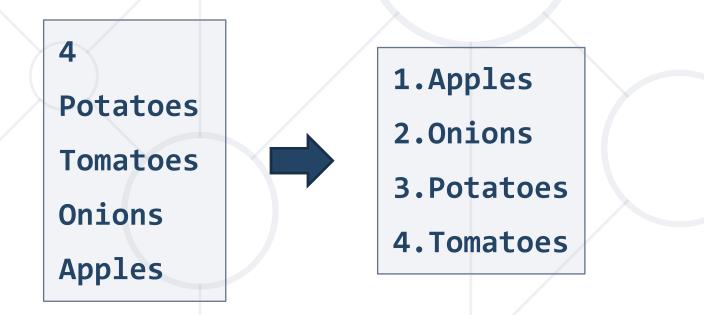


Problem: List of Products



 Read a number n and n lines of products. Print a numbered list of all the products ordered by name

Examples:

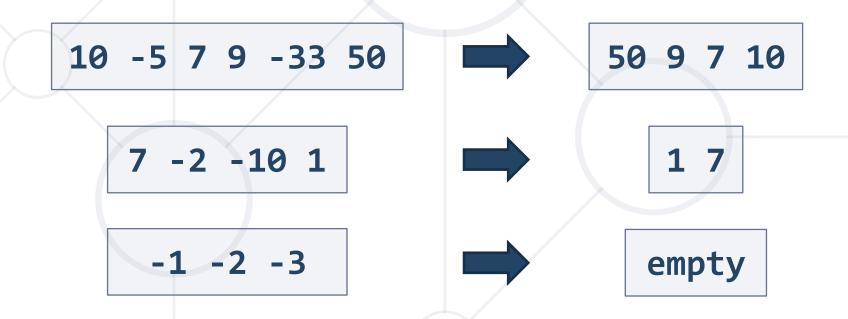




Problem: Remove Negatives and Reverse



- Read a list of integers, remove all negative numbers from it
 - Print the remaining elements in reversed order
 - In case of no elements left in the list, print "empty"



Next Steps



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