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Dash











Max Circular Subarray Sum □

Difficulty: Hard Accuracy: 29.37% Submissions: 139K+ Points: 8

Given an array of integers arr[] in a circular fashion. Find the maximum subarray sum that we can get if we assume the array to be circular.

Examples:

Input: arr[] = [8, -8, 9, -9, 10, -11, 12]

Output: 22

Explanation: Starting from the last element of the array, i.e., 12, and moving in a circular fashion, we have max subarray as 12, 8, -8, 9, -9, 10, which gives maximum sum as 22.

Input: arr[] = [10, -3, -4, 7, 6, 5, -4, -1]

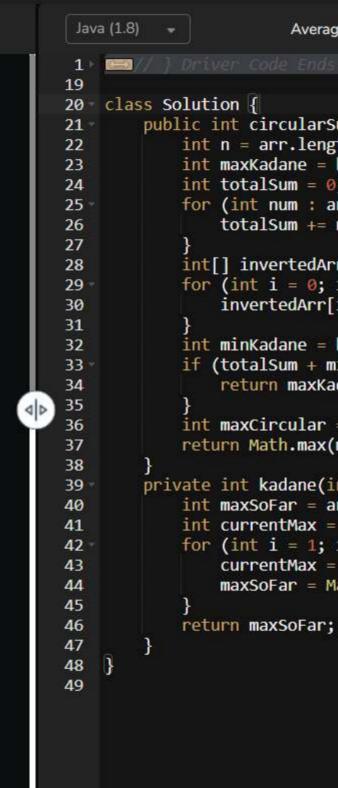
Output: 23

Explanation: Maximum sum of the circular subarray is 23. The subarray is [7, 6, 5, -4, -1, 10].

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Input: arr[] = [-1, 40, -14, 7, 6, 5, -4, -1]Output: 52



Average Time: 25m

int n = arr.length;

for (int num : arr) {

totalSum += num:

return maxKadane;

int maxSoFar = arr[0];

return maxSoFar;

int currentMax = arr[0];

maxSoFar = Math.max(maxSoFar, currentMax);

int totalSum = 0:

