Return median of two sorted arrays of the same size:

function findMedian(array1, array2) {  
 const mergedArray = mergeArrays(array1, array2);  
 const medianIndex = Math.floor(mergedArray.length / 2);  
  
 if (mergedArray.length % 2 === 0) {  
 const median = (mergedArray[medianIndex - 1] + mergedArray[medianIndex]) / 2;  
 return median;  
 } else {  
 return mergedArray[medianIndex];  
 }  
}  
  
function mergeArrays(array1, array2) {  
 const mergedArray = [];  
 let i = 0;  
 let

j = 0;  
  
 while (i < array1.length && j < array2.length) {  
 if (array1[i] <= array2[j]) {  
 mergedArray.push(array1[i]);  
 i++;  
 } else {  
 mergedArray.push(array2[j]);  
 j++;  
 }  
 }  
  
 while (i < array1.length) {  
 mergedArray.push(array1[i]);  
 i++;  
 }  
  
 while (j < array2.length) {  
 mergedArray.push(array2[j]);  
 j++;  
 }  
  
 return mergedArray;  
}