TWO POINTER APPROACH

* Merging 2 sorted arrays into big 1 sorted array
* *static void* mergeSorted(*int*[] arr1,*int* [] arr2){  
   *int* n = arr1.length;  
   *int* m = arr2.length;  
   *int* [] arr3 = *new int* [n+m];
* *int* i= 0;  
   *int* j= 0;  
   *int* k= 0;  
   *while*(i<n && j<m){  
   *if*(arr1[i]<arr2[j]){  
   arr3[k]=arr1[i];  
   i++;  
   k++;  
   }*else*{  
   arr3[k]=arr2[j];  
   j++;  
   k++;  
   }  
   }  
  *// for uneven arrays upper loop will terminate  
  // because one array will be completed  
   while*(i<n){  
   arr3[k]=arr1[i];  
   i++;  
   k++;  
   }*while*(j<m){  
   arr3[k]=arr2[j];  
   j++;  
   k++;  
   }  
    
   printArray(arr3);  
   }