**Merge Without Extra Space**

Given two sorted arrays **arr1[]** and **arr2[]**ofsizes **n** and **m** in non-decreasing order. Merge them in sorted order without using any extra space. Modify arr1 so that it contains the first N elements and modify arr2 so that it contains the last M elements.

**Example 1:**

**Input**:

n = 4, arr1[] = [1 3 5 7]

m = 5, arr2[] = [0 2 6 8 9]

**Output**:

arr1[] = [0 1 2 3]

arr2[] = [5 6 7 8 9]

**Explanation**:

After merging the two

non-decreasing arrays, we get,

0 1 2 3 5 6 7 8 9.

//User function Template for Java

class Solution

{

//Function to merge the arrays.

static int findmin(long ar[]){

long min=ar[0];

int c=0;

for(int i=1;i<ar.length;i++){

if(ar[i]<min){

min=ar[i];

c=i;

}

}

return c;

}

public static void merge(long arr1[], long arr2[], int n, int m)

{

// code here

for(int i=0;i<n;i++){

int c=findmin(arr2);

if(arr1[i]>arr2[c]){

long temp=arr1[i];

arr1[i]=arr2[c];

arr2[c]=temp;

}

}

Arrays.sort(arr2);

}

}