#include<stdio.h>

int main()

{

int arr1[]={2,5,6,8};

int arr2[]={9,1,3,7};

int i,j,temp;

int size1=sizeof(arr1)/sizeof(arr1[0]);

int size2=sizeof(arr2)/sizeof(arr2[0]);

int totalsize=size1+size2;

int merged[totalsize];

for(i=0;i<size1;i++)

{

merged[i]=arr1[i];

}

for(j=0;j<size2;j++)

{

merged[size1+j]=arr2[j];

}

for(i=0;i<totalsize-1;i++)

{

for(j=0;j<totalsize-1-i;j++)

{

if(merged[j]>merged[j+1])

{

temp=merged[j];

merged[j]=merged[j+1];

merged[j+1]=temp;

}

}

}

printf("sort merged array:\n");

for(i=0;i<totalsize;i++)

{

printf("%d ",merged[i]);

}

//printf("\n");

return 0;

}