#include <stdio.h>

//progran to sort array elementś using bubble sort algorithm

int main()

{

int arr[]={10,20,2};

int size=sizeof(arr)/sizeof(arr[0]);

for(int i=0;i<size;i++)

for (int j=i+1;j<size-1;j++)

if(arr[i]>arr[j])

//swapping an array

arr[i]=arr[i]+arr[j]-(arr[j]+arr[j]);

for(int index=0;index<size;index++)

printf("%d",arr[index]);

return 0;

}

#include <stdio.h>

//program to merge two arrays using bubble sort algorithm

int main()

{

int a[]={10,20,2};

int b[]={4,5,6};

int sizea,sizeb,i,j,k;

size=sizeof(a)/sizeof(a[0]);

size=sizeof(b)/sizeof(ab[0]);

int c[sizea+sizeb];

for(i=0;j=0;k=0;i<sizea && j<sizeb;k++)

if(a[i]<b[j])

c[k]=a[i++];

else

c[k]=b[j++];

}while(i<size)

c[k++]=a[i++];

}

while(j<size)

c[k++]=a[i++];

for(int index=0;index<sizea+sizeb;index++)

printf("%d",c[index]);

}