# include<stdio.h>

void main()

{

int arr1[]={1,2,5,4,9,17,13,6};

int arr2[]={2,4,6,7,10,12,19,13,17};

int l=sizeof(arr1);

int s=sizeof(arr2);

int k=sizeof(int);

int arr3[k];

int counter=0;

printf("\nsize of array 1 is=%d",l/k);

printf("\nsize of array 2 is=%d",s/k);

for(int i=0;i<sizeof(arr1)/k;i++)

{

for(int j=0;j<sizeof(arr2)/k;j++)

{

if(arr1[i]==arr2[j])

{

arr3[counter]=arr1[i];

counter++;

}

}

}

for(int p=0;p<k;p++)

{

printf("\n common number arr %d",arr3[p]);

}

}