**#include <stdio.h>**

**#include <stdlib.h>**

**void main()**

**{**

**printf("Enter the elements for the first integer array. Type 0 when done\n");**

**int count=1,run;**

**int \*arr1=(int\*)malloc(1\*sizeof(int));**

**int \*arr2=(int\*)calloc(1,sizeof(int));**

**while(1)**

**{**

**scanf("%d",arr1+count-1);**

**if(\*(arr1+count-1)==0)**

**break;**

**count=count+1;**

**arr1=realloc(arr1,count+1);**

**}**

**printf("\n\nThe elements of the first array are with length %d are:\n",count);**

**for(run=0;run<count;run++)**

**printf("%d ",\*(arr1+run));**

**free(arr1);**

**printf("\nEnter the elements for the second integer array. Type 0 when done\n");**

**count=1;**

**while(1)**

**{**

**scanf("%d",arr2+count-1);**

**if(\*(arr2+count-1)==0)**

**break;**

**count=count+1;**

**arr2=realloc(arr2,count+1);**

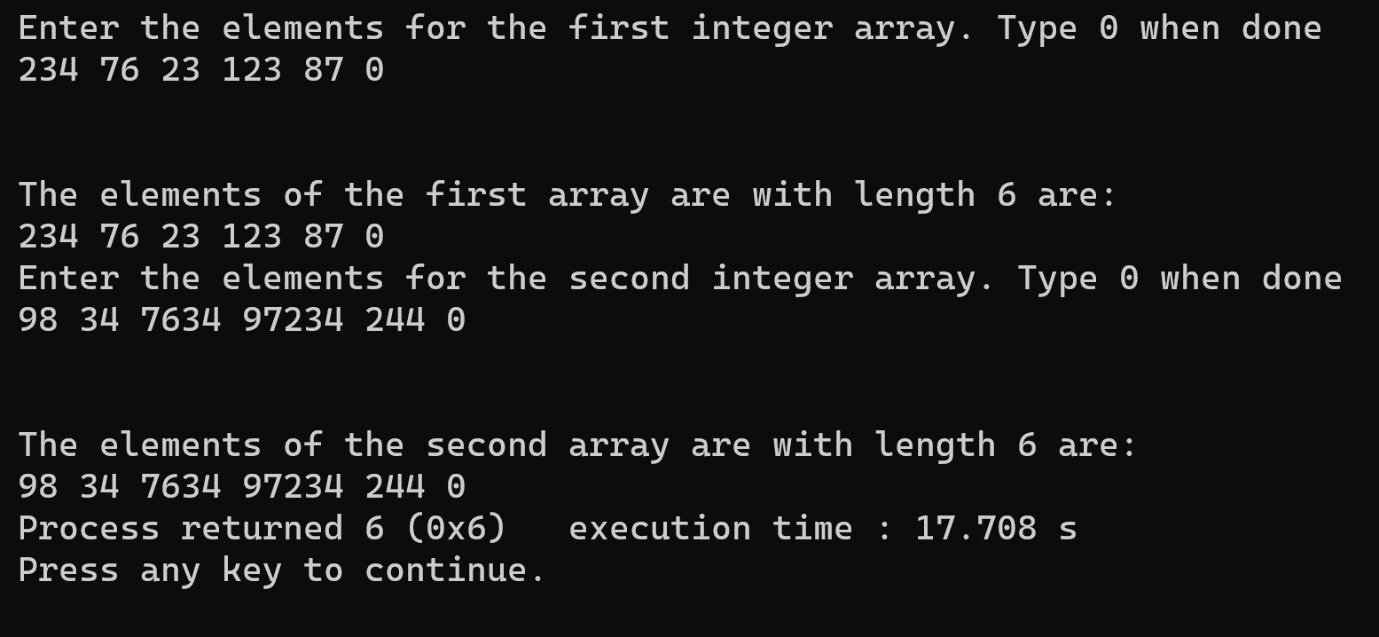
**}**

**printf("\n\nThe elements of the second array are with length %d are:\n",count);**

**for(run=0;run<count;run++)**

**printf("%d ",\*(arr2+run));**

**}**

****