Selection sort

**#include<stdio.h>**

**Int main()**

**{**

**Int a[100],n,i,j,position,swap;**

**Printf(“enter number of elements”);**

**Scanf(“%d”,&n);**

**Printf(“enter %d numbers”,n);**

**For(i=0;i<n;i++)**

**Scanf(“%d”,&a[i]);**

**For(i=0;i<n-1;i++)**

**{**

**Position=i;**

**For(j=i+i;j<n;j++)**

**{**

**If(a[position]>a[j])**

**Position=j;**

**}**

**If(position!=i)**

**{**

**Swap=a[i];**

**A[i]=a[position];**

**A[position]=swap;**

**}**

**}**

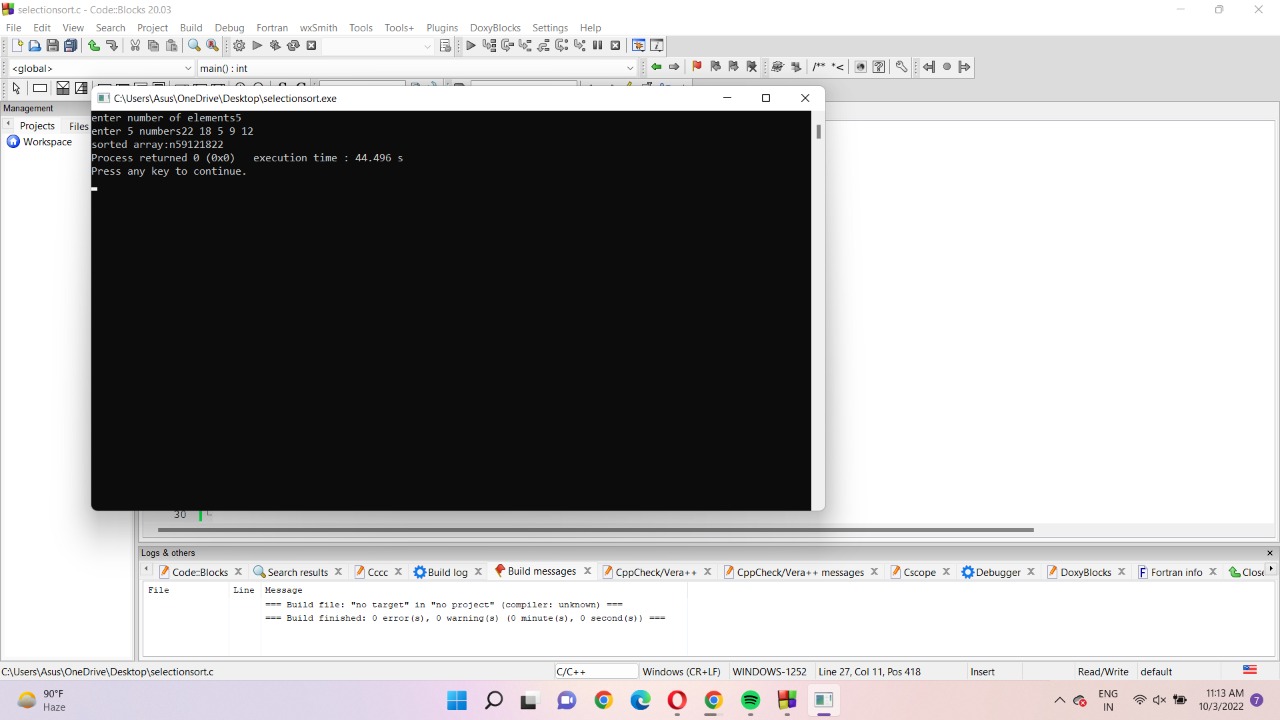
**Printf(“sorted array:n”);**

**For(i=0;i<n;i++)**

**Printf(“%d”,a[i]);**

**Return 0;**

**}**

****