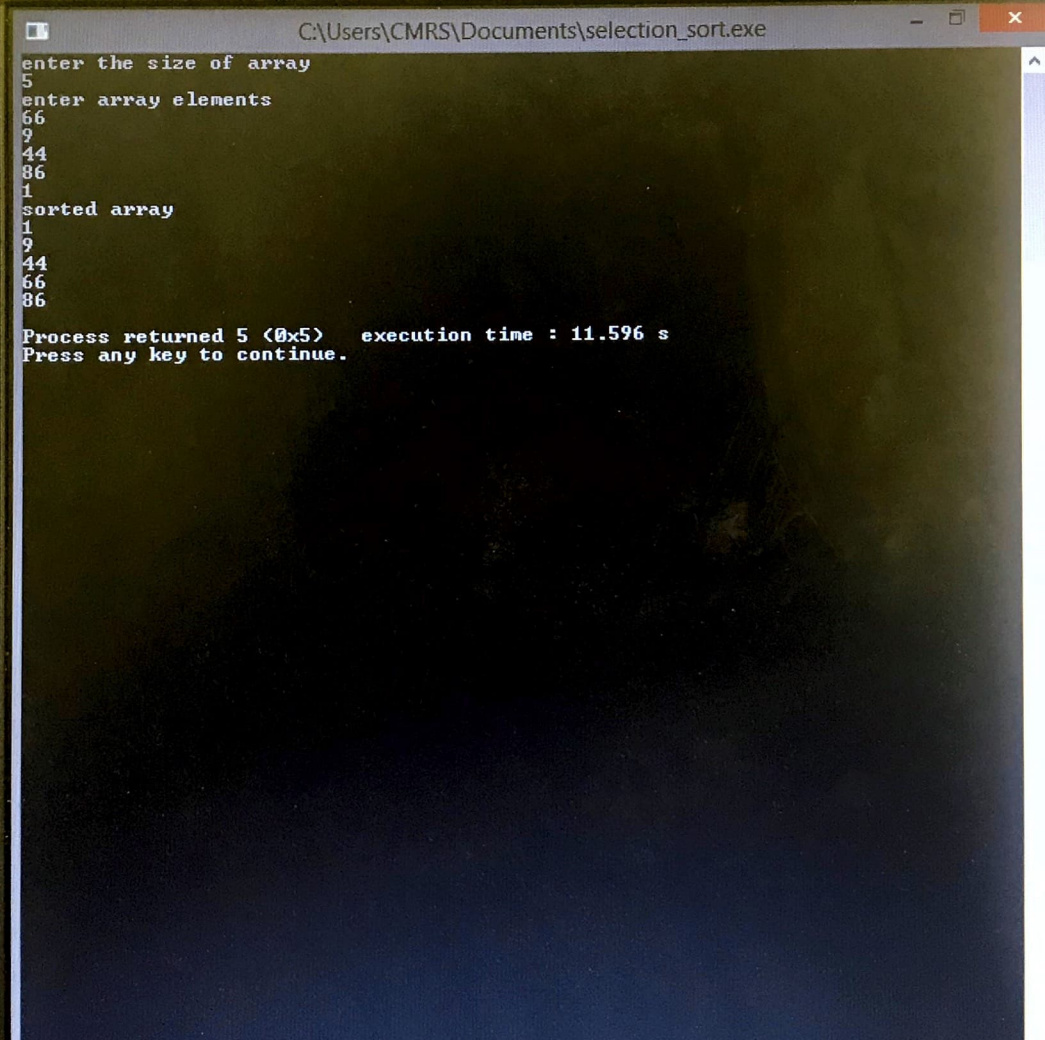
```c
#include<stdio.h>
#include<stdlib.h>
void main()
{
    int arr[10];
    int n, minimum, i, j, temp;
    printf("enter the size of array \n");
    scanf("%d", &n);
    printf("enter array elements\n");
    for(i=0;i<n;i++)
    {
        scanf("%d", &arr[i]);
    }
    for(i=0;i<n;i++)
    {
        minimum = i;
       for(j=i+1;j<n;j++)
       {
           if(arr[j] < arr[minimum])
           {
               minimum = j;
           }
       }
        temp = arr[i];
        arr[i] = arr[minimum];
        arr[minimum] = temp;

    }

    printf("sorted array\n");

    for(i=0;i<n;i++)
    {
        printf("%d\n", arr[i]);

    }
```


C:\Users\CMRS\Documents\selection_sort.exe
enter the size of array
5
enter array elements
66
9
44
86
1
sorted array
1
9
44
66
86
Process returned 5 (0x5)   execution time : 11.596 s
Press any key to continue.

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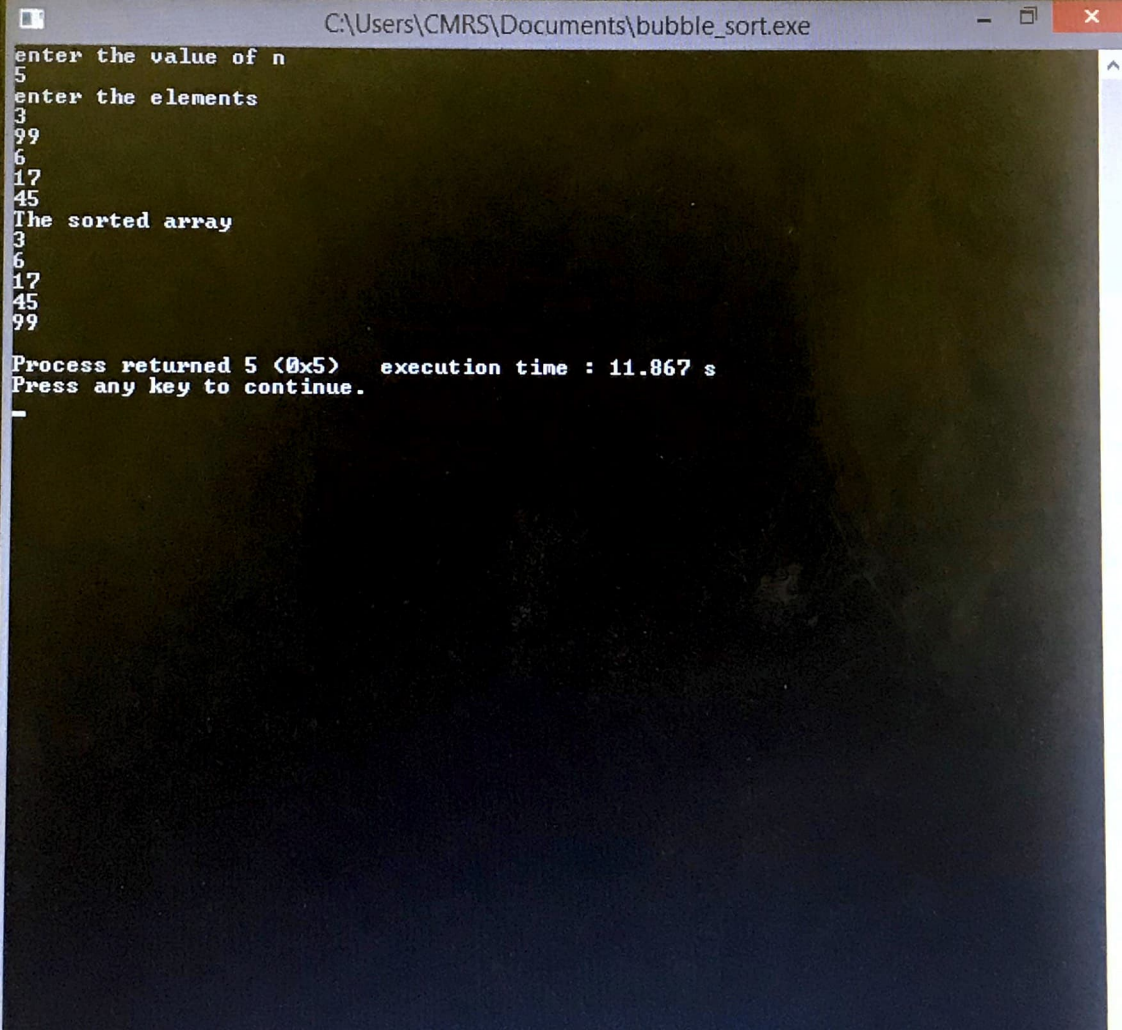
toh.c | fib.c | gcd.c | recursive_linear_search.c | recursive_binary_search.c | *bubble_sort.c | selection_sort.c

```c
#include<stdio.h>
void Bubblesort(int A[],int n)
{
int temp,i,j;
for(i=0;i<n-1;i++)
{
for(j=0;j<n-1;j++)
{
if(A[j]>A[j+1])
{
temp=A[j];
A[j]=A[j+1];
A[j+1]=temp;
}
}
}
}

void main(){
int A[20];
int n,i,j;
printf("enter the value of n\n");
scanf("%d",&n);
printf("enter the elements\n");
for(i=0;i<n;i++){
scanf("%d",&A[i]);
}
Bubblesort( A, n);
printf("The sorted array\n");
for(int i=0;i<n;i++){
printf("%d\n",A[i]);
}
}
```


C:\Users\CMRS\Documents\bubble_sort.exe
enter the value of n
5
enter the elements
3
99
6
17
45
The sorted array
3
6
17
45
99
Process returned 5 (0x5)   execution time : 11.867 s
Press any key to continue.