

```
#include<stdio.h>

void quicksort(int number[25],int first,int last){

int i, j, pivot, temp;

if(first<last){

pivot=first;

i=first;

j=last;

while(i<j){

while(number[i]<=number[pivot]&& i<last)

i++;

while(number[j]>number[pivot])

j--;

if(i<j){

temp=number[i];

number[i]=number[j];

number[j]=temp;

}

}

temp=number[pivot];

number[pivot]=number[j];

number[j]=temp;

quicksort(number,first,j-1);

quicksort(number,j+1,last);

}

}

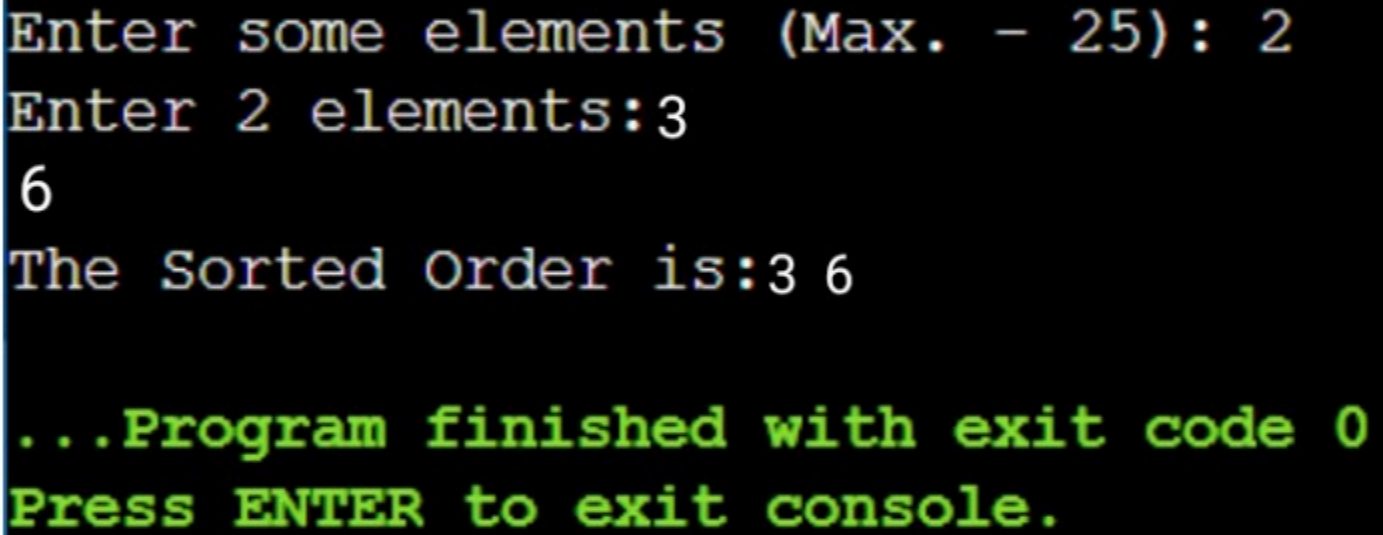
int main(){

int i, count, number[25];

printf("Enter some elements (Max. - 25): ");

scanf("%d",&count);
```

```
printf("Enter %d elements: ", count);  
  
for(i=0;i<count;i++)  
scanf("%d",&number[i]);  
  
quicksort(number,0,count-1);  
  
printf("The Sorted Order is: ");  
  
for(i=0;i<count;i++)  
printf(" %d",number[i]);  
  
return 0;  
  
}
```



```
Enter some elements (Max. - 25): 2  
Enter 2 elements:3  
6  
The Sorted Order is:3 6  
  
...Program finished with exit code 0  
Press ENTER to exit console.
```