```c
#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;
```

```c
        }

    }

    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++)
```

```c
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;

}
```



```
C:\Users\HP\Documents\queue sort.exe

Enter some elements (Max. - 25): 12
Enter 12 elements: 8
7
9
6
7
1
5
7
8
9
5
9
The Sorted Order is:  1 5 5 6 7 7 7 8 8 9 9 9
--------------------------------
Process exited after 36.35 seconds with return value 0
Press any key to continue . . .
```