C Program to implement Quick Sort

```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("How many elements are u going to enter?: ");

    scanf("%d",&count);


    printf("Enter %d elements: ", count);

    for(i=0;i<count;i++)

        scanf("%d",&number[i]);


    quicksort(number,0,count-1);
```

```c
    printf("Order of Sorted elements: ");

  for(i=0;i<count;i++)

    printf(" %d",number[i]);



  return 0;

}
```