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#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("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);

    printf("Order of Sorted elements: ");
    for(i=0;i<count;i++)
        printf(" %d",number[i]);

    return 0;
}

```