

```

void quickSort(int list[10],int first,int last){
    int pivot,i,j,temp;

    if(first < last){
        pivot = first;
        i = first;
        j = last;

        while(i < j){
            while(list[i] <= list[pivot] &&
i < last)
                i++;
            while(list[j] > list[pivot])
                j--;
            if(i < j){
                temp = list[i];
                list[i] = list[j];
                list[j] = temp;
            }
        }

        temp = list[pivot];
        list[pivot] = list[j];
        list[j] = temp;
        quickSort(list,first,j-1);
        quickSort(list,j+1,last);
    }
}

```