#include <iostream>

#include <fstream>

using namespace std;

int firstloop=0;

int equalsize=0;

int c=0;

void bubblesearch(int [],int);

void main()

{

ifstream in;

in.open("in.txt");

int \*sequence;

int n=0;

int size=0;

cout<<"ENTER your size : ";

in>>size;

sequence=new int[size];

for(int i=0;i<size;i++)

{ //cout<<"ENTER YOUR Number : ";

in>>sequence[i];

}

equalsize=size-1;

bubblesearch(sequence,0);

cout<<"The sorted list is : ";

for(int i=0;i<size;i++)

cout<<"\t"<<sequence[i];

cout<<"\n"<<c<<" "<<endl;

system("pause");

}

void bubblesearch(int sel[],int start)

{

if(firstloop==equalsize-1)

return;

if(start==(equalsize-firstloop))

{

firstloop++;

start=0;

}

if(sel[start]>sel[start+1])

{

int temp=sel[start];

sel[start]=sel[start+1];

sel[start+1]=temp;

}

c++;

bubblesearch(sel,start+1);

}