码力题

#include<bits/stdc++.h>

#include<cstring>

#define ll long long

using namespace std;

int a[1010];

int main()

{

// freopen("input.txt","r",stdin);

int n;

cin>>n;

int x;

int now;

for(int i=1;i<=n;++i)

{

cin>>a[i];

}

vector<int>v;

now=1;

for(int i=1;i<=n;++i)

if(a[i]<=a[i-1])

{

v.push\_back(i-now);

now=i;

}

v.push\_back(n-now+1);

int len=v.size();

cout<<len<<endl;

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

cout<<v[i]<<(i==len-1?'\n':' ');

return 0;

}