

Problema 877

```
#include <iostream>
using namespace std;
const int MAX_SIZE=1000;
int st_nr [MAX_SIZE];
int st_lung [MAX_SIZE];
int varf=-1;

int main()
{
    int n, i, l;
    cin>>n;
    cin>>l;
    varf++;
    st_nr[varf]=1;
    st_lung[varf]=1;
    for(i=2; i<=n; i++)
    {
        cin>>l;
        if (l<=st_lung[varf])
        {
            varf++;
            st_nr[varf]=i;
            st_lung[varf]=1;
        }
        else
        {
            while(varf>=0 && l>st_lung[varf])
                varf--;

            varf++;
            st_nr[varf]=i;
            st_lung[varf]=1;
        }
    }
    cout<<varf+1<<endl;
    for(int i=0; i<=varf; i++)
        cout<<st_nr[i]<<" ";
    return 0;
}
```