

- All
- Mine
- Followed

```
17 long long t=0;
18 if (a[i] > a[l])
19 {
20     t = 1 + maxHits(i + 1, i, a, m);
21 }
22 long long nt = maxHits(i + 1, l, a, m);
23 m[i][l] = max(t, nt);
24 return m[i][l];
25 }
26
27 void rec(const vector<long long> &a, const vector<vector<long long>> &m)
28 {
29     if (a.size() == 1)
30     {
31         cout << a[0] << '\n';
32         return;
33     }
34     long long l = 0;
35     long long i{0};
36     while (i < a.size() - 1)
37     {
38         if (a[i] > a[l] && m[i][l] == 1 + m[i + 1][i])
39         {
40             cout << a[i] << '\n';
41             l = i;
42         }
43         ++i;
44     }
45     if (a[i] > a[l])
46         cout << a[i] << '\n';
47 }
48
49 int main()
50 {
51     int n;
52     cin >> n;
53     cin.ignore().ignore();
54
55     for (int i = 0; i < n; i++)
56     {
57         string line;
58         vector<long long> a;
59         a.push_back(-1);
60         while (getline(cin, line) && !line.empty())
61         {
62             long long j;
63             istringstream ss(line);
64             ss >> j;
65             a.push_back(j);
66         }
67
68         if (a.size() == 1)
69             continue;
70
71         vector<vector<long long>> m(a.size(), vector<long long>(a.size() + 1, -1));
72         m[0][0] = -1;
73         long long maxLength = maxHits(1, 0, a, m);
74         cout << "Max hits: " << maxLength << '\n';
75
76         rec(a, m);
77         if (i != n - 1)
78             cout << '\n';
79     }
80
81     return 0;
82 }
```

Time
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