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Copy C++

```
1  #include <iostream>
2  #include <vector>
3  #include <algorithm>
4  #include <sstream>
5  #include <cstring>
6
7  using namespace std;
8
9  long long maxHits(int i, int l, const vector<long long> &a, vector<vector<long long>> &m)
10 {
11     if (i >= a.size())
12         return 0;
13
14     if (m[i][l] != -1)
15         return m[i][l];
16
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;
```