

Output Format

The output should consist of the answer to each of the operations of the 2nd type printed on a new line.

Constraints

```
© C++14
                   00:00:00
                                  12 px ∨
          TOT TOUCH C I CONCE
 90
 91
              pair<int, int> p = edge_ordering[e - 1];
 92
              add(p.first, p.second);
 93
 94
          for (auto q : reverse_query)
 95
 96
              if (q.first == 2)
 97
 98
                  ans.push_back(components);
 99
100
              else
101
102
                  pair<int, int> edge_to_add = edge_ordering[q.second - 1];
103
                  add(edge_to_add.first, edge_to_add.second);
104
105
   Sample Tests
                  Manual Tests
  Test Case 1
    ACCEPTED
  Input
   335
   12
   23
   3 1
   2
   12
   2
   11
  Output
                                                           Run on Sample
     Console
```