Problem Link:

<https://codeforces.com/problemset/problem/368/B>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** n, m;
* cin >> n >> m;
* **vector<int>** a(n);
* **for**(**int** i = 0; i < n; ++i)
* {
* cin >> a[i];
* }
* **vector<int>** q(m);
* **for**(**int** i = 0; i < m; ++i)
* {
* cin >> q[i];
* --q[i];
* }
* **vector<int>** d(n, 0);
* **unordered\_set<int>** s;
* **int** f = 0;
* **for**(**int** i = n - 1; i >= 0; --i)
* {
* **if**(s.find(a[i]) == s.end())
* {
* s.insert(a[i]);
* ++f;
* }
* d[i] = f;
* }
* **for**(**int** i : q)
* {
* cout << d[i] << **"\n"**;
* }
* **return** 0;
* }