Problem Link:

<https://codeforces.com/problemset/problem/1304/B>

Solution:

* **#include** <bits/stdc++.h>
* **using** **namespace** std;
* **int** main() {
* **int** n, m;
* cin >> n >> m;
* **vector<string>** ss(n);
* **set<string>** st;
* **for**(**int** i = 0; i < n; ++i)
* {
* cin >> ss[i];
* st.insert(ss[i]);
* }
* **vector<string>** l, r;
* string c = **""**;
* **for**(**const** string& s : ss)
* {
* string rev = s;
* reverse(rev.begin(), rev.end());
* **if**(st.count(s) && st.count(rev) && s != rev)
* {
* l.push\_back(s);
* r.push\_back(rev);
* st.erase(s);
* st.erase(rev);
* }
* }
* **for**(**const** string& s : st)
* {
* string rev = s;
* reverse(rev.begin(), rev.end());
* **if**(s == rev)
* {
* c = s;
* **break**;
* }
* }
* string res = **""**;
* **for**(**const** string& s : l)
* res += s;
* res += c;
* **for**(**auto** it = r.rbegin(); it != r.rend(); ++it)
* res += \*it;
* cout << res.length() << **"\n"**;
* **if**(!res.empty())
* cout << res << **"\n"**;
* **return** 0;
* }