UVa: The Paths Less Taken

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UVa388 - Galactic Import
UVa768 - Crossword (REALLY interesting, no solution yet)
UVa479 - Irrigation Flow Rates
UVa777 - Codebreakers [todo check]
UVa999 - Book Signatures ⊌G (构造法-直接构造解)
UVa967 - Circular ⊌G (筛法+暴力+打表)
UVa10060 - A hole to catch a man
UVa12557 - Detecting Code Snippts [doing]
- Note: USE getline(*) instead of cin!! beacuse omega and z can be blank strings.
 - Input like:
while (!cin.eof()) {
    getline(cin, u);
    if (cin.eof()) break;
    getline(cin, v); getline(cin, o); getline(cin, z);
    if (u == "" | | v == "") break;
 - BFS + heavy pruning. Prune everything with length > length of z, so the upper bound
 for our search is roughly 2^16 (time to generate all subsets). Code below:
int main()
{ string u, v, o, z;
    while (!cin.eof()) {
    getline(cin, u);
    if (cin.eof()) break;
    getline(cin, v); getline(cin, o); getline(cin, z);
    if (u == "" || v == "") break;
    queue<string> q;
    unordered set<string> visited;
    bool found = 0;
    long sz = z.size();
    for(long i = 0; i < o.size(); ++i) {
        string k = o.substr(i, sz);
        q.push(k); visited.insert(k);
    while (!q.empty()) {
        string curr = q.front(); q.pop();
        string a, b, c;
        if (curr == z) {
             found = 1; break;
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for(const char& ch : curr)