Problem Link:

<https://leetcode.com/problems/word-subsets/?envType=daily-question&envId=2025-01-10>

Solution:

class Solution {

public:

vector<string> wordSubsets(vector<string>& words1, vector<string>& words2) {

map<char, int> m;

vector<string> v;

for(auto& word : words2)

{

map<char, int> mp;

for(auto c : word)

{

mp[c]++;

}

for(auto& [c, count] : mp)

{

m[c] = max(m[c], count);

}

}

for(auto& word : words1)

{

map<char, int> mp;

for(auto c : word)

{

mp[c]++;

}

bool f = true;

for(auto& [c, count] : m)

{

if(mp[c] < count)

{

f = false;

break;

}

}

if(f)

{

v.push\_back(word);

}

}

return v;

}

};