1002. Find Common Characters

Easy

Topics

Companies

Given a string array words, return an array of all characters that show up in all strings within the words (including duplicates). You may return the answer in any order.

Example 1:

Input: words = ["bella","label","roller"]

Output: ["e","l","l"]

Example 2:

Input: words = ["cool","lock","cook"]

Output: ["c","o"]

CODE:

class Solution {

public List<String> commonChars(String[] words) {

int[] minFreq = new int[26];

Arrays.fill(minFreq, Integer.MAX\_VALUE);

for (String word : words) {

int[] freq = new int[26];

for (char c : word.toCharArray()) {

freq[c - 'a']++;

}

for (int i = 0; i < 26; i++) {

minFreq[i] = Math.min(minFreq[i], freq[i]);

}

}

List<String> result = new ArrayList<>();

for (int i = 0; i < 26; i++) {

while (minFreq[i]-- > 0) {

result.add(String.valueOf((char) (i + 'a')));

}

}

return result;

}

}