**Longest Common Prefix**

#include <bits/stdc++.h>

string longestCommonPrefix(vector<string>& arr, int n) {

if (n == 0) {

return "";

}

string prefix = arr[0];

for (int i = 1; i < n; i++) {

while (arr[i].find(prefix) != 0) {

prefix = prefix.substr(0, prefix.length() - 1);

if (prefix.empty()) {

return "";

}

}

}

return prefix;

}