





```
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                                                Share
main.cpp
                                                                        Output
                                                                                                                                     Clear
                                                              Run
                                                                      John john00@mail.com john_newyork@mail.com johnsmith@mail.com
 1 #include <iostream>
                                                                      Mary mary@mail.com
   #include <vector>
   #include <unordered_map>
                                                                      John johnnybravo@mail.com
   #include <unordered_set>
    #include <algorithm>
   using namespace std;
 8 class UnionFind {
   public:
10
        unordered_map<string, string> parent;
11
        string find(string email) {
12
13
            if (parent[email] != email) {
                parent[email] = find(parent[email]);
14
15
            }
16
            return parent[email];
17
        }
18
19
        void unite(string email1, string email2) {
20
            string root1 = find(email1);
21
            string root2 = find(email2);
22
            if (root1 != root2) {
                parent[root2] = root1;
23
24
            }
25
        }
26 };
27
28 vector<vector<string>> accountsMerge(vector<vector<string>>&
        accounts) {
        UnionFind uf;
29
```

