



# Merging Communities ★

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## Components in a graph

Given a graph, print the maximum and the minimum number of vertices in it's connected components.

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### Submitted Code

Language: C++20

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```
1 #include <cmath>
2 #include <cstdio>
3 #include <vector>
4 #include <iostream>
5 #include <algorithm>
6 using namespace std;
7
8 vector<int> parent, population;
9
10 int find(int i) {
11     if (i != parent[i]) {
12         parent[i] = find(parent[i]);
13     }
14     return parent[i];
15 }
```

Test case 0

Test case 1

Test case 2

Test case 3

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