i C#

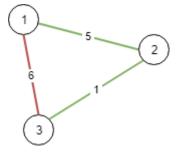
1135. Connecting Cities With Minimum Cost

There are n cities labeled from 1 to n. You are given the integer n and an array connections where connections[i] = $[x_i, y_i, cost_i]$ indicates that the cost of connecting city x_i and city y_i (bidirectional connection) is $cost_i$.

Return the minimum cost to connect all the n cities such that there is at least one path between each pair of cities. If it is impossible to connect all the n cities, return -1,

The **cost** is the sum of the connections' costs used.

Example 1:

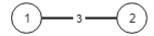


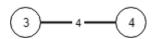
Input: n = 3, connections = [[1,2,5],[1,3,6],[2,3,1]]

Output: 6

Explanation: Choosing any 2 edges will connect all cities so we choose the minimum 2.

Example 2:





Input: n = 4, connections = [[1,2,3],[3,4,4]]

Output 1

Explanation: There is no way to connect all cities even if all

edges are used.

```
{}
  1 ▼
        public class Solution {
  2
  3
            private int[] paren
  4
  5
            private int Find(in
  6 ▼
  7
                 if(parent[x] ==
  8
                     return x;
  9
 10
                 parent[x] =
        Find(parent[x]);
 11
                 return parent[x
 12
            }
 13
 14 ▼
            public int MinimumC
        n, int[][] connections)
 15
 16
                 //Sort by weigh
        of the edges
                 Array.Sort(conn
 17 ▼
        Comparer<int[]>.Create(
 18
                     return
        x[2].CompareTo(y[2]);
 19
                 }));
 20
 21
                 parent = new in
 22
                 for(int i = 1;
        i++)
 23
                     parent[i] =
 24
 25
                 int edgesCount
 26
                 int cost = 0;
 27
                 foreach(int[] c
        in connections)
  28 ▼
 29
                     int u rep =
                    +;00[0]).
Testcase
         Run Code Result
 Accepted
               Runtime: 129 ms
 Your input
                 [[1,2,5],[1,3,6]
                6
 Output
 Expected
                6
 Console -
                Use Example Testcase
```

▶ Run Code ^

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