Assignment 3

1. Implement the following variants of DSU as a struct/class.

    1. Path compression with Union by Rank
    2. Path compression with Union by Size

   Check your implementation here

2. Use DSU to solve this problem.
3. Learn about Kruskal's Algorithm for Minimal Spanning Tree of graphs here. Implement it using DSU and check your implementation here.

4. Implement BIT for Range Query / Point Update. Check your implementation here.
5. Implement BIT for Range Update / Point Query. Check your implementation here.