Course Overview

Brij Raj Kishore

1. Motivation

2. Introduction to Disjoint Set DS

3. Disjoint Set Implementation

4. Runtime improvment techniques

    4.1. Union by Rank

    4.2. Path Compression

5. Implementation of Disjoint Set to

    5.1. Detect Cycle in a graph

    5.2. find number of connected components in a graph

    5.3. find Minimum Spanning Tree