

# Unit 2: Data Structures - Problemset

CPCFI

September - October 2021

## 1. Non Linear Data Structures with Built-in Libraries

- **Map**

- (a) UVa 11917
- (b) UVa 11629
- (c) UVa 11572
- (d) UVa 11286
- (e) UVa 10226
- (f) UVa 12592

- **Set**

- (a) UVa 00501
- (b) UVa 00978
- (c) UVa 11136
- (d) UVa 11849

- **Priority Queue**

- (a) UVa 01203
- (b) UVa 10954
- (c) UVa 11995

## 2. Data Structures without STL Libraries

- **Graph**

- (a) UVa 00599
- (b) UVa 10985
- (c) UVa 11991
- (d) UVa 10928

- **Union-Find Disjoint Sets**

- (a) UVa 00793

- (b) UVa 10227
- (c) UVa 10507
- (d) UVa 10608
- (e) UVa 11503
- **Segment Tree**
  - (a) UVa 11235
  - (b) UVa 11402
- **Binary Indexed (Fenwick) Tree**
  - (a) UVa 12532
  - (b) UVa 12086

## UVa Links

- **Non Linear Data Structures with Built-in Libraries:** [link](#)
- **Data Structures without STL Libraries:** [link](#)