Java & DSA - ASSIGNMENT - DAY 12

Please practice the following activities

1. Create a Directed Weighted Graph Data Structure for a Resort using OOPS. Implement the topological Sort.

2. On the Directed Weighted Graph Data Structure for a Resort, now implement Minimum Spanning Tree using any algorithm of your choice.

3. Implement Multi Threading for various participants asking a question in an online meeting.

4. Implement Multi Threading with synchronization taking a scenario for ScreenShare which can be done by one User at a time.

5. Create a ThreadPool in Java demonstrating online transactions by User.

PS: Assume suitable attributes and implement the methods accordingly.