**DATA STRUCTURES AND ALGORITHM**

**Cw-2**

**PREE-TESTING SUMMARY**

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From the Peer Testing I learned the way to write the logic for the populate, airport, flight, leastHop, leastCost, leastCost excluding, leastHop excluding, directlyConnected, setDirectlyConnected methods in Flying planner class. Some of the doubts are clarified by reviewing other codes and I need to add additional test cases for flyingPlanner class to check in which order airports are connected. From next time I will try to maintain well Indentation, naming conventions and comments in my code. In my group, many peers didn't finish their code, so I don't have much to review.

By using peer testing I got an idea of how other people thinking in different ways.

**FlyingPlannerMainPartA.java**

In this class, I created one graph with 5 vertices and each vertex is connected by Flight Info edge.

**Journey.java**

In this class, I implement all the methods for journey operations.

1. getStops method to get all the airports in the journey as a list.

2. getFlights method to get the flights in the journey as list.

3. getHop method to get the number of hops in the journey.

**FlyingPlanner.java**

1.populate methods for reading the data from CSV files and add to the sets for storing flight and airport information.

2.airport method is for getting the airport object by passing its code.

**About peer’s code**

**Peer #7, #8**

No implementations for any method in the course work.

**Peer #4, #5**

No implementations for any method in maximum classes

Only one class is implemented in both codes.

**Peer #2**

In FlyingPlanner class comments are placed well for each and every instruction.

Naming conventions and indentation are followed.

There are no implementations for leastCostMeetUp, leastHopMeetUp,leastTimeMeetUp methods.

Definitions for populate methods are simple.

getBetterConnnectedInOrder method is not having proper definitions.

The implementations are in a simple manner.

In Airport.java the implementations are placed correctly.

**Peer #1**

In FlyingPlanner.java class there are no implementations for directlyConnected, setDirectlyConnected, setDirectlyConnectedOrder, getBetterConnectedInOrder, leastCostMeetUp, leastHopMeetUp, leatTimeMeetUp methods are not implemented. Naming conventions, comments and indentation are followed well.

In Journey.java class all methods are implemented.