

# Advanced Programming Feedback

## Assignment 1: Airline Scheduling System

### Results

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Section	Tests Failed	Tests Passed
Aircraft	0	11
Crew	0	12
Passenger Numbers	1	0
Route	3	8
Scheduler	1	0

### Test Log

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Running from Package. Source:

file:/H:/Documents/Second%20year/Programming/AdvancedProgrammingAssessment1/marker.jar

Testing Solution: .\solution

Starting Tests in section: Aircraft

Running Test: AircraftDAO Data Loading Test

Result: PASS

Running Test: AircraftDAO Presence Test

Result: PASS

Running Test: AircraftDAO Data Correctness Test

Result: PASS

Running Test: AircraftDAO Find Aircraft By Seats Test

Result: PASS

Running Test: AircraftDAO Find Aircraft By Starting Position Test

Result: PASS

Running Test: AircraftDAO Find Aircraft By Tailcode Test

Result: PASS

Running Test: AircraftDAO Find Aircraft By Type Test

Result: PASS

Running Test: AircraftDAO Number of Aircraft Test

Result: PASS

Running Test: AircraftDAO Nonexistent Path Test

Result: PASS

Running Test: AircraftDAO Malformed Data Test 1

Result: PASS

Running Test: AircraftDAO Reset Test

Result: PASS

Starting Tests in section: Crew

Running Test: CrewDAO Loading Test

Result: PASS

Running Test: CrewDAO Presence Test

Result: PASS

Running Test: CrewDAO Data Correctness Test

Result: PASS

Running Test: CrewDAO Find Cabin Crew By Home Base & Type Rating Test

Result: PASS

Running Test: CrewDAO Find Cabin Crew By Home Base Test

Result: PASS

Running Test: CrewDAO Find Cabin Crew By Type Rating Test

Result: PASS

Running Test: CrewDAO Find Pilots By Home Base & Type Rating Test

Result: PASS

Running Test: CrewDAO Find Pilots By Home Base Test

Result: PASS

Running Test: CrewDAO Find Pilots By Type Rating Test

Result: PASS

Running Test: CrewDAO Nonexistent Path Test

Result: PASS

Running Test: CrewDAO Malformed Data Test 1

Result: PASS

Running Test: CrewDAO Reset Test

Result: PASS

Starting Tests in section: Passenger Numbers

Running Test: PassengerNumbersDAO Loading Test

Result: FAIL

Reason: The test failed because the wrong number of flights' data was loaded by the PassengerNumbersDAO

This failed test has a severity of: Critical

Because this is a critical failure, the tester skips the rest of the section and this solution is ineligible for the scheduling competition

Starting Tests in section: Route

Running Test: RouteDAO Loading Test

Result: PASS

Running Test: RoutesDAO Presence Test

Result: PASS

Running Test: RouteDAO Data Correctness Test

Result: PASS

Running Test: RouteDAO Find Routes By Date Test

Result: FAIL

Reason: The test failed because RouteDAO threw an exception: java.lang.IllegalArgumentException: No enum constant java.time.DayOfWeek.Tue

This failed test has a severity of: Significant

Running Test: RouteDAO Find Routes By Day-Of-Week Test

Result: PASS

Running Test: RouteDAO Find Routes By Departure Airport & Day Test

Result: PASS

Running Test: RouteDAO Find Routes By Departure Airport Test

Result: PASS

Running Test: RouteDAO Nonexistent Path Test

Result: FAIL

Reason: Asking the RouteDAO to load a nonexistent path did not raise a DataLoadingException

This failed test has a severity of: Minor

Running Test: RouteDAO Malformed Data Test 1

Result: PASS

Running Test: RouteDAO Malformed Data Test 5

Result: FAIL

Reason: Loading a malformed XML file did not raise a DataLoadingException

This failed test has a severity of: Minor

Running Test: RouteDAO Reset Test

Result: PASS

Starting Tests in section: Scheduler

Running Test: Schedule Generation Test

Result: FAIL

Reason: The test failed because the schedule generated by the scheduler was null

This failed test has a severity of: Critical

Because this is a critical failure, the tester skips the rest of the section and this solution is ineligible for the scheduling competition

Done Testing

## Scheduling Competition

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Because this solution is not eligible for the competition, no competition run was completed.