THE UNIVERSITY OF THE WEST INDIES

OBJECT ORIENTED PROGRAMMING 1

Lab 2 Feedback Report

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Lab 2 Part 1 tests:

Running StationSimulation Main...
✓ StationSimulation ran successfully.
Testing Vehicle 1 (Gasoline)...
✓ Vehicle 1 created successfully.
Testing Vehicle 2 (Diesel)...
✓ Vehicle 2 created successfully.
Servicing gasoline vehicle...
✓ Fuel levels updated successfully for gasoline vehicle.
Servicing diesel vehicle...
✓ No incorrect effect on fuel levels for diesel vehicle.

Lab 2 Part 2 tests:

✓ Class Vehicle exists.
✓ Constructor for Vehicle(int, int, int) exists.
✓ Method toString() exists in Vehicle class.
✓ Constructor correctly initializes a vehicle with dimensions (10, 10, 10).
✓ Constructor correctly initializes a vehicle with dimensions (15, 15, 15).
✗ toString() method failed for vehicle with dimensions (10, 10, 10).
Expected: VEHICLE TANK CAPACITY: 1000 FUEL TYPE: gasoline
Got: VEHICLE TANK CAPACITY: 1000 FUEL TYPE: gasoline
✗ toString() method failed for vehicle with dimensions (15, 15, 15).
Expected: VEHICLE TANK CAPACITY: 3375 FUEL TYPE: diesel
Got: VEHICLE TANK CAPACITY: 3375 FUEL TYPE: diesel

Lab 2 Part 3 tests:

Test: Default Constructor
✓ Default constructor initializes all attributes correctly.
Test: toString Method
✗ The toString method output is incorrect.
Expected: FUEL: gasoline VOL: 75000.0L PRICE PER L: $2.0 SALES: $0.0

Got: FUEL: gasoline VOL: 75000.0 L PRICE PER L: 2.00 SALES: 0.00

Test: Private sellFuel Method

✓ sellFuel method works as expected.

Test: canDispenseFuelType Method

✓ canDispenseFuelType method works correctly.

Test: dispense Method

✓ dispense method works correctly.