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...

❌ Error in serviceVehicle Method: FuelStation.getFuelVolume()

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 TYPEL: 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 TYPEL: 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: 75000.0L PRICE PER L: $2.00 SALES:0.00

Test: Private sellFuel Method

❌ Error: Could not test the sellFuel method. FuelStation.getFuelVolume()

Test: canDispenseFuelType Method

✅ canDispenseFuelType method works correctly.

Test: dispense Method

❌ Error: Could not test the dispense method. FuelStation.getFuelVolume()