



THE UNIVERSITY
OF THE
WEST INDIES

OBJECT ORIENTED PROGRAMMING 1

Lab 2 Feedback Report

Student: 620126638

Lab 2 Part 1 tests:

Running StationSimulation Main...

- ✓ StationSimulation ran successfully.
- ✗ Error in createVehicle Method: StationSimulation.createVehicle([Ljava.lang.String;)
- ✗ Error in serviceVehicle Method: StationSimulation.serviceVehicle(Vehicle, FuelStation)

Lab 2 Part 2 tests:

- ✓ Class Vehicle exists.
- ✗ Required methods or constructor are missing in Vehicle class.
- ✗ Error testing constructor: Vehicle.<init>(int, int, int)
- ✗ Error testing toString() method: Vehicle.<init>(int, int, int)

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

- ✗ sellFuel method did not update fuelVolume or fuelSales correctly.

Expected remaining fuel: 70000.0

Got: 70000.0

Expected sales: \$10000.0

Got: \$0.0

Test: canDispenseFuelType Method

- ✓ canDispenseFuelType method works correctly.

Test: dispense Method

- ✓ dispense method works correctly.