



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.
- ✗ 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.
- ✓ 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

- ✓ toString method produces the correct output.

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()