CS 46B Lab Report

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I was the scribe; Sidharth Khanna was the driver.

Part 1

This design is better than the original because, the positon of the mars rover is clearly defined now and the re-usability of code is increased.

It is necessary because it defines the initial position for the rover.

Part 2

Byte, Short, Integer, Long, Float, Double

Part 3

Fixed by casting: RHS type bird, LHS type= Duck, RHS is superclass of LHS.

We need to cast when RHS is a superclass of LHS but not when RHS is a subclass of LHS.

The class of the object is duck; it does have a quack method.

We get an exception.