

1 Inheritance

”is-a” relationship

- Inheritance
- Subclass object treated as super class object
- Example: Car is a vehicle
Vehicle properties/behaviours are also shared with car properties/behaviours

”has-a” relationship

- Composition
- Object contains one or more objects of other classes as members
- Example: Car has a steering wheel

Superclass	Subclass
Student	Graduate Student, Undergraduate student
Shape	Circle, Triangle, Rectangle
Loan	Car Load, Home Improvement loan, Mortgage Loan
Employee	Faculty, Staff
Bank account	Checking account, Savings account