

Section 7: OOP Part 2 - Composition, Encapsulation, and Polymorphism

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Car **is a** Vehicle (**Inheritance**)

Computer **has a** Motherboard (**Composition**)

Composition is creating object within objects.

Encapsulation : Hiding the data member of class by making them private so they can't be access from outside the class. And only be accessed using public method or getters, setter/constructor.

Polymorphism : It is really the method or the mechanism on object oriented programming, that allows actions to act differently based on the actual object that the action is being performed on.

If a function is not present in child class, then java will look into its base/parent class, if its exist it will automatically return that.