OBJECT ORIENTED PROGRAMMING

Example Car class

-Brand
-NumberOfDoors

+Honk()

Example Sub class

-AdditionalProperty 1
-AdditionalProperty 2

+AdditionalMethod()

Inheritance

It is a mechanism that allows a class to inherit properties and behaviors from the parent class.

The "Car" class inherits from the "Vehicle" class.

Example Vehicle class

-Speed
-FuelType

+Start()
+Stop()

Example Base class

-InheritedProperty 1
-InheritedProperty 2

+InheritedMethod 1()
+InheritedMethod 2()