



Encapsulation: The attributes like price and gearCount are private, and public getters and setters control access to them.

Inheritance: Bicycle inherits from TwoWheeled, which inherits from Vehicle, showing a clear hierarchy.

Polymorphism: The showDetails() method is overloaded, allowing it to work in different ways.

Abstraction: The Vehicle and TwoWheeled classes provide a general structure without specific details.