Library System

In this library system I have prepared one super class and two subclass and I have used inheritance method between all three classes.

PrimaryResource class is super class and Books and Electronic books are subclass. Both subclasses have some fields are similar like title, author and library member. Primaryresourse class get data from their subclasses for code execution, list of data and passing parameters. Under super class I have mentioned all getter methods with return values. And setter methods with no return value.

When utilizing inheritance in a Java project, the goal of generating subclasses is to increase the functionality of the superclass and promote code reuse.

With help of inherited we reuse the common code without duplicating it, and creates subclass that inherits the superclass's methods and attributes. Help of this method in java helps in lessens code repetition and encourages modular development.

Superclass usually includes common traits and features those subclasses includes. Common attributes are private and public variables, class variables with same static keyword.