# Inheritance

# Abstraction

Methods

# Polymorphism

Overloading and overriding.

# Encapsulation

Hiding methods and variable with the help of access modifiers

## Packages

Packages are a type of container where you can keep similar classes.

Packages can be categorized in 2 forms:  
1. Built in packages  
2. User Defined Packages

## Access Modifiers

Java has access and non-access modifiers

4 types of Access Modifiers:  
1. Private – access level of a private modifier is only within the class. It can’t be accessed outside the class  
2. Default – access level of a default modifier is only within the package.  
3. Protected – within the package and outside through the child class  
4. Public – can be accessed everywhere