

1) What is Inheritance.

Ans * The Behaviour by which the Super class methods and variables are inherited to the Sub class.

* Inheritance is which one object acquire all the properties and behaviour of a parent object.

2) Types of Inheritance.

(i) Multi level Inheritance.

(ii) Multiple Inheritance.

(iii) Single level Inheritance.

3) Advantages of Inheritance.

* Code Reusability.

* Easier Maintenance.

* Effective Memory Management.

4) Example of Selenium in inheritance.

(i) Remote Webdriver (super class).

(ii) Chromium Webdriver (subclass).

(iii) Chrome Webdriver (child class).

57. Method overloading with eg:

- * Same class, same method with different Arguments.
 - * It is static Binding.
 - * Overloading is compile time polymorphism.
 - * The goal is keep it simple for the user : i.e. It is user friendly.
- Eg: `System.out.println()`.

6. Method overriding with eg:

- * Different class with same method name is overriding.
- * It is Dynamic Binding.
- * Overriding is Run time polymorphism.