# **Inheritance**

**Inheritance and Method Overriding:**

If we declare the same method of parent class in child class, it is called method overriding.

We can call the child method class using child class object.

We can call the parent class method using super keyword.

Example:

ParentClass:

**package** FPPackage;

**public** **class** ParentClass {

ParentClass(){

System.***out***.println("Parent Class Constructor");

}

**public** **void** displayDetails() {

System.***out***.println("I am parent class");

}

}

ChildClass:

**package** FPPackage;

**public** **class** ChildClass **extends** ParentClass{

ChildClass(){

System.***out***.println("Child Class Constructor");

}

**public** **void** displayDetails() {

System.***out***.println("I belong to child class");

**super**.displayDetails();

}

**public** **static** **void** main(String[] args) {

ChildClass cl = **new** ChildClass();

cl.displayDetails();

}

}