# **Inheritance**

**Constructors and Inheritance:**

When the constructor of a child class is invoked, it by default invokes the constructor of the parent class.

**Parent Class:**

**package** FPPackage;

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

String name = "Subbu";

String role = "Manager";

String company = "IBM";

ParentClass(){

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

}

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

ParentClass pc = **new** ParentClass();

System.***out***.println("Name is "+pc.name);

System.***out***.println("Role is "+pc.role);

System.***out***.println("Company is "+pc.company);

}

}

**Child Class:**

**package** FPPackage;

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

ChildClass(){

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

}

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

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

System.***out***.println("Name is "+cl.name);

System.***out***.println("Role is "+cl.role);

System.***out***.println("Company is "+cl.company);

}

}