INHERITANCE:

SINGLE INHERITANCE:

```java
public class A {

      public void display() {

      System.out.println("I am a method from class A");

    }

}

class B extends A {

    public void print() {

        System.out.println("I am a method from class B");

    }

public static void main(String[] args) {

        B objB = new B();

        objB.display();

        objB.print();

    }

}
```

MULTILEVEL INHERITANCE:

//MultiLevelClass

```java
public class MultiLevelInteheritance {
      int home=5;
      int car=5;
      public void grandFatherMethod()
      {
            System.out.println("car:");
            System.out.println("Home:");
      }

}
class Father extends MultiLevelInteheritance {
```

```java
        int mall=5;
        public void fatherMethod()
        {
              System.out.println("Mall");
        }
}
class Child extends Father{
        int shop=5;
        public void childMethod()
        {
              System.out.println("Shop");
        }
}

//MainClass

public class MainMultiLevelInheritance {
        public static  void main(String args[])
        {
              Child c=new Child();
              c.grandFatherMethod();
              c.fatherMethod();
              c.childMethod();
        }

}
```

MULTIPLE INHERITANCE:

```java
public interface MultipleInheritance {
        void show();

}
 interface parent{
        void show();
}
class Abc implements MultipleInheritance,parent{
        public void show()
        {
              System.out.println("I am common to both interfaces.");
        }
}
```