7. INHERITANCE

```java
class A //superclass
{
  void method()   //overriden method
  {
    System.out.println("method...");

  }
   void method1()
  {
    System.out.println("method1...");

  }
   void method2()
  {
    System.out.println("method2...");

  }

}
class B extends A
{
  void method()   //overriden method
  {
    System.out.println("method...");

  }
   void method3()
  {
    System.out.println("method3...");

  }
   void method4()
  {
    System.out.println("method4...");

  }
}
class C extends B
{
  void method()   //overriden method
  {
    System.out.println("method...");

  }
   void method5()
  {
    System.out.println("method5...");
```

```java
    }
    void method6()
    {
      System.out.println("method6...");

    }
  }
class Main
{
  public static void main(String args[])
  {
    A a=new A();
    B b=new B();
    C c=new C();
    b.method();
    c.method();
    a.method1();
    a.method2();
    b.method3();
    b.method4();
    c.method5();
    c.method6();
  }
}
```

Output-

method...
method...
method1...
method2...
method3...
method4...
method5...
method6...