```java
1 package javapractice;
2
3 class Parent{  //parent or super or derived class
4  public void parent_method() {
5   System.out.println("Iam Parent method");
6  }
7 }
8 class Child11 extends Parent{  //child or sub class
9  public void child1_method() { //child method
10  System.out.println("Iam child method");
11
12 }
13
14 }
15 class Child22 extends Parent{  //child or sub class
16  public void child2_method() { //child method
17   System.out.println("Iam child method");
18
19 }
20 }
21 public class hieratchical_inheritance {
22
23  public static void main(String[] args) {
24
25   Child11 cd=new Child11();
26   Child22 d=new Child22();
27   cd.parent_method();
28   cd.child1_method();
29   d.child2_method();
30
31  }
32
33 }
34
35
36
```