```java
package mypackage;

class Parent1{   //parent or super or derived class
 public void parent1_method() {
  System.out.println("Iam Parent method");
 }
}
class Child1 extends Parent1{   //child or sub class
 public void child1_method() { //child method
  System.out.println("Iam child method");

 }

}
class Child2 extends Parent{   //child or sub class (hierarchical inheritance)
 public void child2_method() { //child method
  System.out.println("Iam child method");

 }
}
public class Hierarchical_inheritance {

 public static void main(String[] args) {

 Child1 cd=new Child1();
 Child2 d=new Child2();
 cd.parent1_method();
 cd.child1_method();
 d. child2_method();

 }

}




```