

Program P

```

public class A {
    void m1() {...}
}

public class B extends A {
    void m2() {...}
}

public class E1 extends Exception {}
public class E2 extends E1 {}
public class E3 extends E2 {}

public class D {
    void m3(A a) {
        a.m1();
        try {
            throw new E3();
        }
        catch (E2 e) {...}
        catch (E1 e) {...}
    }
}

```

Program P'

```

public class A {
    void m1() {...}
}

public class B extends A {
    void m1() {...}
    void m2() {...}
}

public class E1 extends Exception {}
public class E2 extends E1 {}
public class E3 extends E1 {}

public class D {
    void m3(A a) {
        a.m1();
        try {
            throw new E3();
        }
        catch (E2 e) {...}
        catch (E1 e) {...}
    }
}

```