

```
public class Tag {  
  
    public Tag(int marker) {System.out.println("Tag", +marker) }  
    }  
  
    public class Card {  
  
        Tag t1=new Tag(1);  
  
        public Card() { System.out.println("Card()");  
  
            t3=new Tag(33); }  
            Tag t2=new Tag(2);  
  
            void f() {System.out.println("f()"); }  
            Tag t3= new Tag(3);  
            }  
  
        public class Main{  
            Public static void main(String[] args) {  
                Card t=new Card();  
                t.f(); } }  
    }  
}
```

```

class Bowl {
    Bowl(int marker) {
        System.out.println("Bowl(" + marker + ")");
    }
    void f(int marker) {
        System.out.println("f(" + marker + ")");
    }
}

class Table {
    static Bowl b1 = new Bowl(1);
    Table() {
        System.out.println("Table()");
        b2.f(1);
    }
    void f2(int marker) {
        System.out.println("f2(" + marker + ")");
    }
    static Bowl b2 = new Bowl(2);
}

class Cupboard {
    Bowl b3 = new Bowl(3);
    static Bowl b4 = new Bowl(4);
    Cupboard() {
        System.out.println("Cupboard()");
        b4.f(2);
    }
    void f3(int marker) {
        System.out.println("f3(" + marker + ")");
    }
    static Bowl b5 = new Bowl(5);
}

public class StaticInitialization {

    public static void main(String[] args) {
        System.out.println("Creating new Cupboard() in main");
        new Cupboard();
        System.out.println("Creating new Cupboard() in main");
        new Cupboard();
        t2.f2(1);
        t3.f3(1);
    }
    static Table t2 = new Table();
    static Cupboard t3 = new Cupboard();
}

```

```
class Meal {
    Meal() { System.out.println("Meal()"); }
}

class Bread {
    Bread() { System.out.println("Bread()"); }
}

class Cheese {
    Cheese() { System.out.println("Cheese()"); }
}

class Lettuce {
    Lettuce() { System.out.println("Lettuce()"); }
}

class Lunch extends Meal {
    Lunch() { System.out.println("Lunch()"); }
}

class PortableLunch extends Lunch {
    PortableLunch() {
        System.out.println("PortableLunch()");
    }
}

public class Sandwich extends PortableLunch {

    private Bread b = new Bread();
    private Cheese c = new Cheese();
    private Lettuce l = new Lettuce();
    public Sandwich() {
        System.out.println("Sandwich()");
    }
    public static void main(String[] args) {
        new Sandwich();
    }
}
```