Idea
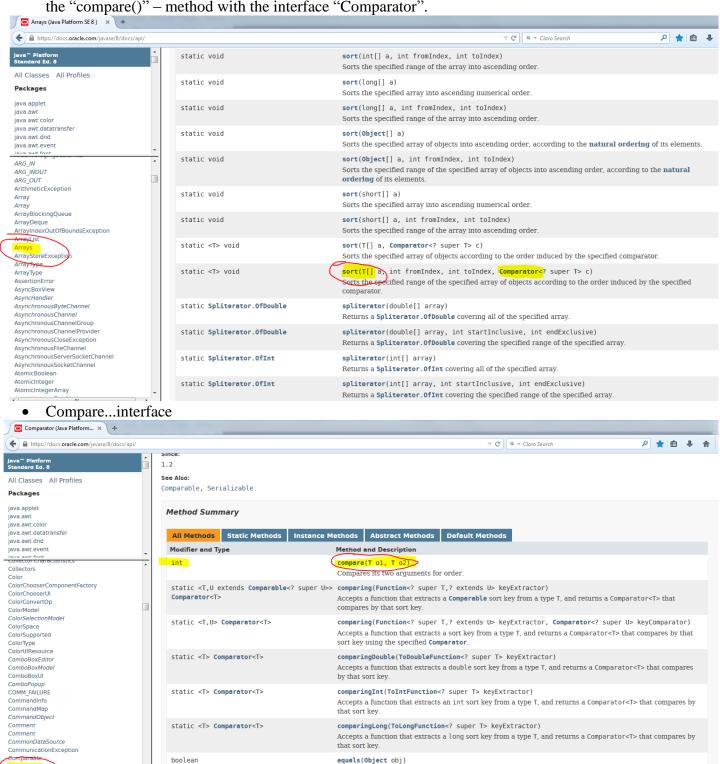
Trollies need some upgrade concerning sorting things.

Hints

- Arrays.sort(...)...method can sort an array of objects and needs a "compare()" – method to decide the sorting-order. The comparing has to be done by a separate class, which has to guarantee the existence of the "compare()" – method with the interface "Comparator".

- Compare...interface

- Implementation of that interface

```java
class ThingComparator implements Comparator<Thing>{

    @Override
    public int compare(Thing o1, Thing o2) {
        int retValue = 0;
```

test-protocol:
```
*************** by name ******************
class supermarket.Trolly is SMALL with 4 different light things 0 different heavy things
    - supermarket.LightThing: Kaeswurst, 5, 12 EUR/unit, Dienstag, 25 Okt 2016
    - supermarket.LightThing: Leberwurst, 3, 10 EUR/unit, Samstag, 01 Dez 2012
    - supermarket.LightThing: Metwurst, 4, 11 EUR/unit, Sonntag, 02 Dez 2012
    - supermarket.LightThing: Salamiwurst, 2, 13 EUR/unit, Donnerstag, 06 Dez 2012
class supermarket.Trolly is MEDIUM with 2 different light things 1 different heavy things
    - supermarket.HeavyThing: Bierkiste, 2, 20 EUR/unit, 12
    - supermarket.LightThing: Leberwurst, 13, 10 EUR/unit, Samstag, 01 Dez 2012
    - supermarket.LightThing: Semmel, 13, 10 EUR/unit, Freitag, 30 Nov 2012
class supermarket.Trolly is BIG with 2 different light things 2 different heavy things
    - supermarket.HeavyThing: Bierkiste, 2, 20 EUR/unit, 12
    - supermarket.HeavyThing: Erdaepfelkiste, 2, 20 EUR/unit, 12
    - supermarket.LightThing: Leberwurst, 13, 10 EUR/unit, Dienstag, 25 Okt 2016
    - supermarket.LightThing: Semmel, 13, 10 EUR/unit, Donnerstag, 27 Okt 2016
*************** by name reverse ******************
class supermarket.Trolly is SMALL with 4 different light things 0 different heavy things
    - supermarket.LightThing: Salamiwurst, 2, 13 EUR/unit, Donnerstag, 06 Dez 2012
    - supermarket.LightThing: Metwurst, 4, 11 EUR/unit, Sonntag, 02 Dez 2012
    - supermarket.LightThing: Leberwurst, 3, 10 EUR/unit, Samstag, 01 Dez 2012
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