Exercise 03-01 - Using an abstract pattern

Instructions

We're going to validate the input document `input.xml`:

```xml
<manifest>

  <crate type="wood">
    <weight-kg>25</weight-kg>
    <contents>books</contents>
  </crate>

  <crate type="wood">
    <weight-kg>58</weight-kg>
    <contents>books</contents>
  </crate>

  <crate type="metal">
    <weight-kg>890</weight-kg>
    <contents>dogfood</contents>
  </crate>

  <gastank>
    <weight-kg>34</weight-kg>
    <contents>nitrogen</contents>
  </gastank>

  <container>
    <weight-kg>2536</weight-kg>
    <contents>computers</contents>
  </container>

</manifest>
```

Rules are:

- Wooden crates must weigh less than 30 kg
- Containers must weigh less than 2500 kg

Implement this using an abstract pattern that checks the weigth of something against a maximum weight. Instantiate this pattern twice, once for wooden crates and once for containers.

Use the template document `schema.sch` as a starting point. In oXygen, the input document `input.xml` automatically uses `schema.sch` for validation.