Exercise 02-03 - Enhancing messages

Instructions

This exercise builds on the previous exercise 02-02. We're going to validate the input document input.xml again:

```
<data>
<book code="ABCD" pagecount="213"/>
<magazine code="EFGH" articlecount="6"/>
<!-- Invalid entries: -->
<book code="ABCDX"/>
<magazine code="EFGHX"/>
</data>
```

Rules are:

- A book must have a pagecount attribute
- A magazine must have an articlecount attribute
- All elements must have a code attribute of exactly 4 characters long

There's a basic Schematron schema in template.sch:

Please enhance this schema so all rules report the value of the code attribute somehow.

Additional changes

Please enhance the schema even further and assert that:

- Books have less than 200 pages
- Magazines have less than 6 articles

The messages for these rules must report both the book/magazine code and the incorrect number of pages/articles.

Make sure these additional checks don't fire on books/magazines that are invalid and have no pagecount/articlecount attribute.