

## Exercise 02-04 - Using variables

---

### Explanation

One of the possible solutions for this exercise is in `solution/solution.sch`:

```
<schema xmlns="http://purl.oclc.org/dsdl/schematron" queryBinding="xslt3">
  <let name="department-code" value="/inventory-list/@depcode"/>
  <pattern>
    <rule context="article">
      <let name="article-code" value="@code"/>
      <assert test="starts-with($article-code, $department-code)"> The article code (<value-
of select="$article-code"/>) must start with the
          right prefix (<value-of select="$department-code"/>) for <value-of select="name"/
    >
      </assert>
    </rule>
  </pattern>
</schema>
```

- The first variable, `department-code` stores the global value of the `depcode` attribute on the root element.
- The rule creates a variable `article-code` with the value of article's `code` attribute.
- Both variables are used in both the assert's expression and resulting message.