260 XML Basics

```
<html>
<head><title>An author</title></head>
<body bgcolor="white">
<b>...</b><br>
...<br>
<i>>...</i></body>
</html>
```

Figure A.5: A template

inserted (see figure A.5).

In the previous XSLT document, xsl:value-of retrieves the value of an element and copies it into the output document. That is, it places some content into the template.

Now suppose we had an XML document with details of several authors. It would clearly be a waste of effort to treat each author element separately. In such cases, a special template is defined for author elements, and is used by the main template. We illustrate this approach in the following input document:

```
<authors>
<author>
<author>
<name>Grigoris Antoniou</name>
<affiliation>University of Bremen</affiliation>
<email>ga@tzi.de</email>
</author>
<author>
<name>David Billington</name>
<affiliation>Griffith University</affiliation>
<email>david@gu.edu.net</email>
</author>
</author>
</author>
</author>
```