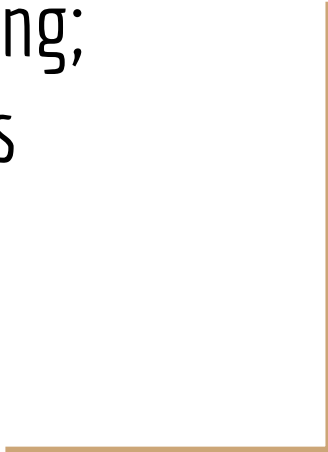




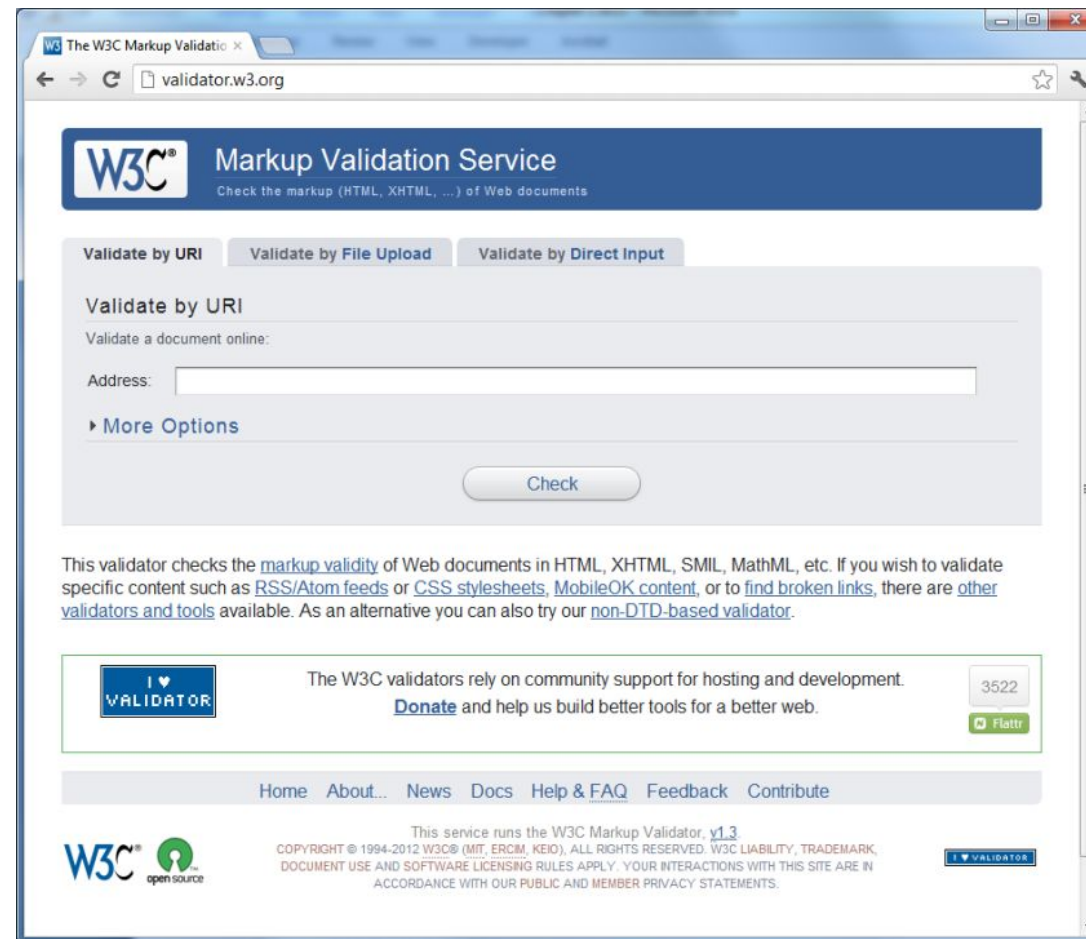
# HTML

Validation, debugging;  
Nesting elements



# Using an HTML Validator

<http://validator.w3.org>



The screenshot shows the W3C Markup Validation Service website in a browser window. The browser's address bar displays 'validator.w3.org'. The website has a blue header with the W3C logo and the text 'Markup Validation Service' and 'Check the markup (HTML, XHTML, ...) of Web documents'. Below the header, there are three tabs: 'Validate by URI', 'Validate by File Upload', and 'Validate by Direct Input'. The 'Validate by URI' tab is selected. Under this tab, there is a section titled 'Validate by URI' with the instruction 'Validate a document online:'. Below this is a text input field labeled 'Address:'. To the right of the input field is a 'Check' button. Below the input field is a link 'More Options'. Below the 'Check' button, there is a paragraph of text explaining the validator's capabilities and providing links to other resources. At the bottom of the page, there is a footer with the W3C logo, a copyright notice, and a link to the 'I ♥ VALIDATOR' project. A donation button is also visible in the footer.

W3C® Markup Validation Service  
Check the markup (HTML, XHTML, ...) of Web documents

Validate by URI   Validate by File Upload   Validate by Direct Input

Validate by URI

Validate a document online:

Address:

► More Options

Check

This validator checks the [markup validity](#) of Web documents in HTML, XHTML, SMIL, MathML, etc. If you wish to validate specific content such as [RSS/Atom feeds](#) or [CSS stylesheets](#), [MobileOK content](#), or to [find broken links](#), there are [other validators and tools](#) available. As an alternative you can also try our [non-DTD-based validator](#).

I ♥ VALIDATOR

The W3C validators rely on community support for hosting and development. [Donate](#) and help us build better tools for a better web.

3522

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W3C® open source

This service runs the W3C Markup Validator, [v1.3](#)  
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I ♥ VALIDATOR

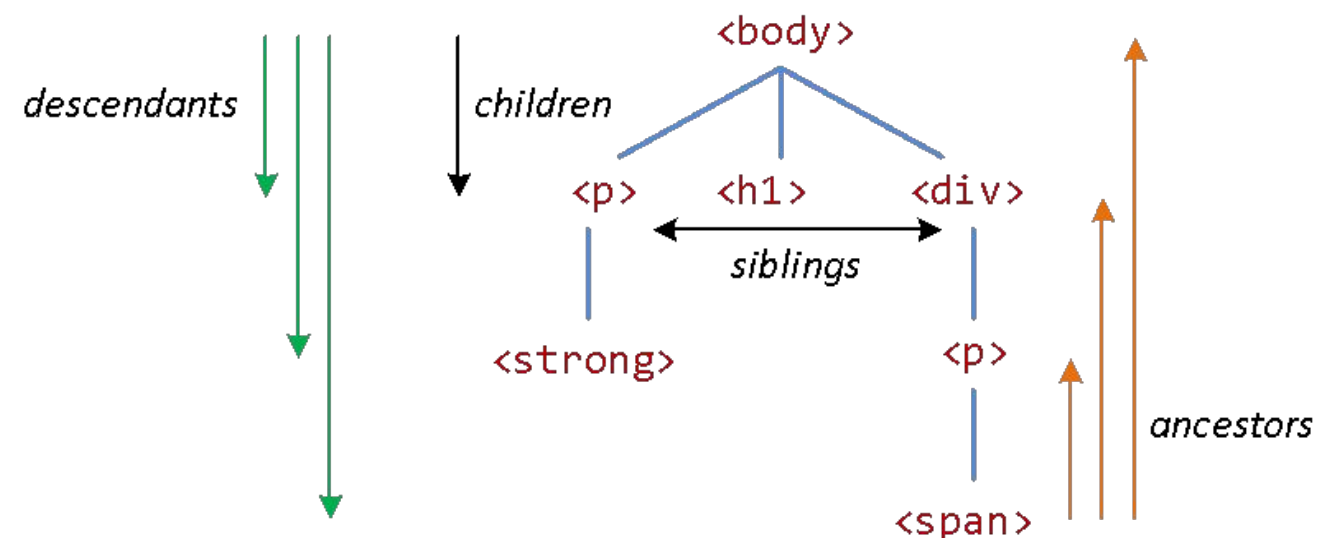
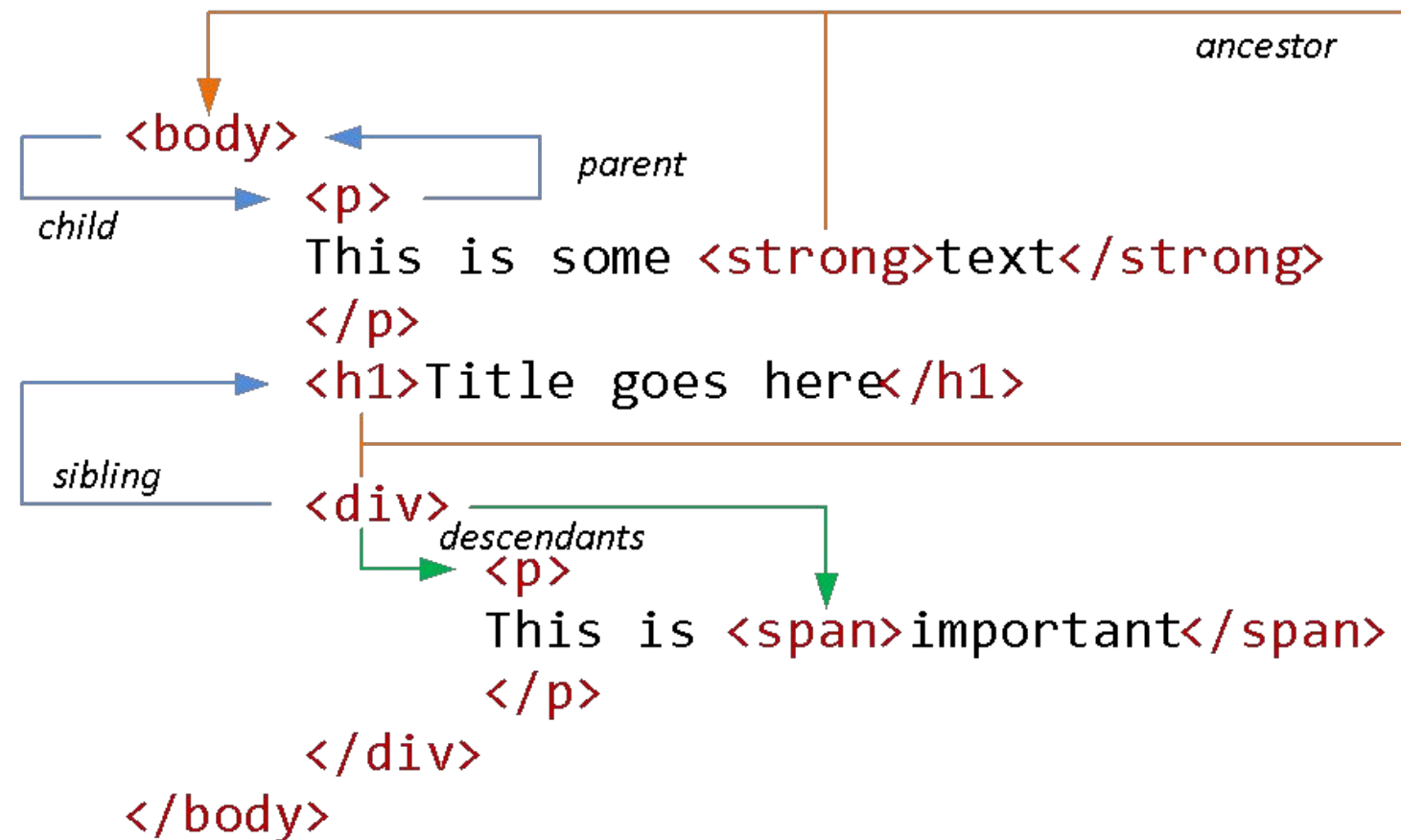
# Nesting HTML Elements

Often an HTML element will contain other HTML elements.

In such a case, the container element is said to be a parent of the contained, or child, element.

Any elements contained within the child are said to be **descendents** of the parent element; likewise, any given child element, may have a variety of **ancestors**.

# Hierarchy of Elements

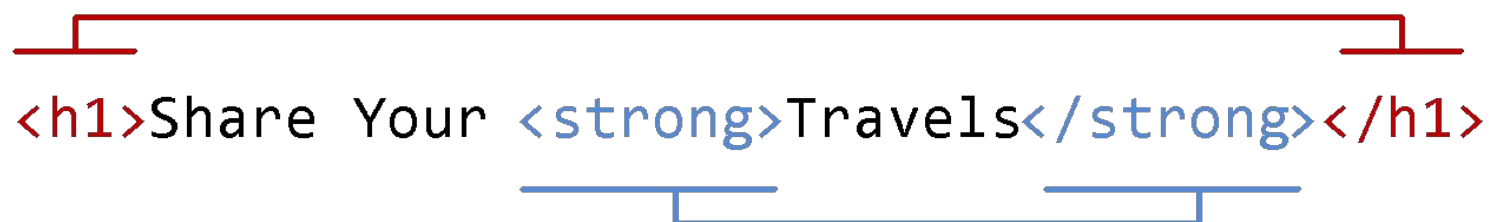


# Nesting HTML Elements

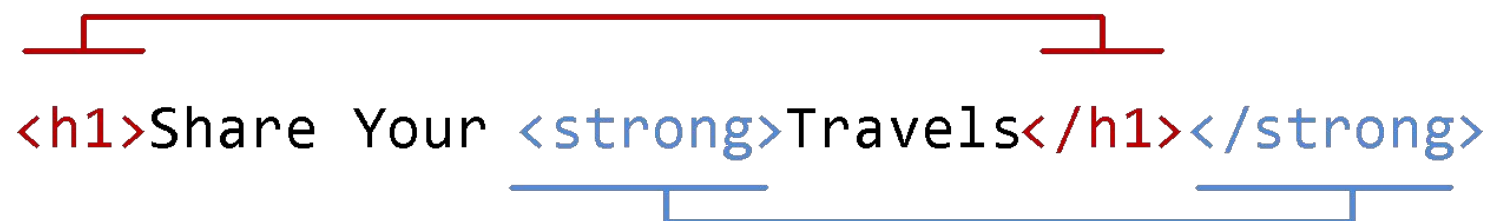
In order to properly construct a hierarchy of elements, your browser expects each HTML nested element to be properly nested.

That is, a child's ending tag must occur before its parent's ending tag.

Correct Nesting



```
<h1>Share Your <strong>Travels</strong></h1>
```



```
<h1>Share Your <strong>Travels</h1></strong>
```

Incorrect Nesting