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Institute of
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Belgrade

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Text Elements

Headings

- Used for title
- Six levels of headings (priority)

```
<html>
  <body>
    <h1>This is a Main Heading</h1>
    <h2>This is a Level 2 Heading</h2>
    <h3>This is a Level 3 Heading</h3>
    <h4>This is a Level 4 Heading</h4>
    <h5>This is a Level 5 Heading</h5>
    <h6>This is a Level 6 Heading</h6>
  </body>
</html>
```

This is a Main Heading

This is a Level 2 Heading

This is a Level 3 Heading

This is a Level 4 Heading

This is a Level 5 Heading

This is a Level 6 Heading

Element types

Two types of text elements

- Structural
- Semantic

Structural - elements that are used for defining a section (paragraph)

Semantic - extra information (quotation, emphasis)

Paragraph

```
<html>
  <body>
    <p>A paragraph consists of one or more sentences that form a
      self-contained unit of discourse. The start of a paragraph
      is indicated by a new line.</p>
    <p>Text is easier to understand when it is split up into units of text.
      For example, a book may have chapters. Chapters can have subheadings.
      Under each heading there will be one or more paragraphs.</p>
  </body>
</html>
```

A paragraph consists of one or more sentences that form a self-contained unit of discourse. The start of a paragraph is indicated by a new line.

Text is easier to understand when it is split up into units of text. For example, a book may have chapters. Chapters can have subheadings. Under each heading there will be one or more paragraphs.

Bold & Italic

```
<p>This is how we make a word appear <b>bold.</b> </p>
```

```
<p>Inside a product description you might see some <b>key features</b> in bold.</p>
```

This is how we make a word appear **bold**.

Inside a product description you might see some **key features** in bold.

```
<p>This is how we make a word appear <i>italic</i>. </p>
```

```
<p>It's a potato <i>Solanum teberosum</i>.</p>
```

```
<p>Captain Cook sailed to Australia on the <i>Endeavour</i>.</p>
```

This is how we make a word appear *italic*.

It's a potato *Solanum teberosum*.

Captain Cook sailed to Australia on the *Endeavour*.

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Exercise

Superscript & Subscript

```
<html>
  <body>
    <p>2<sup>n</sup></p>

    <p>H<sub>2</sub>O</p>
  </body>
</html>
```

 2^n H_2O

Line Break & Horizontal Rule

```
<p>The Earth<br>gets one hundred tons heavier every day<br>due to falling space dust.</p>
```

The Earth
gets one hundred tons heavier every day
due to falling space dust.

```
<p>Venus is the only planet that rotates clockwise.</p>  
<hr>  
<p>Jupiter is bigger than all the other planets combined.</p>
```

Venus is the only planet that rotates clockwise.

Jupiter is bigger than all the other planets combined.

Semantic elements

```
<!-- strong -->
<p><strong>Beware:</strong> Pickpockets operate in this area.</p>
<p>This toy has many small pieces and is <strong>not suitable for children under five years old. </strong></p>

<!--acronym-->
<p><acronym title="National Aeronautics and Space Administration">NASA</acronym> do some crazy space stuff.</p>

<!-- em -->
<p>I <em>think</em> Ivy was the first.</p>
<p>I think <em>Ivy</em> was the first.</p>
<p>I think Ivy was the <em>first</em>.</p>

<!-- blockquote -->
<blockquote cite="http://en.wikipedia.org/wiki/Winnie-the-Pooh">
  <p>Did you ever stop to think, and forget to start again?</p>
</blockquote>

<!-- q -->
<p>As A.A. Milne said, <q>Some people talk to animals. Not many listen though. That's the problem.</q></p>
```

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Exercise

Summary

- HTML elements are used to describe the structure of a page (e.g. headings, subheadings, paragraphs).
- They also provide semantic information (e.g. where emphasis should be placed, the definition of any acronyms used, when given text is a quotation)

References

- Headings - <https://goo.gl/SbTtZC>
- Paragraphs - <https://goo.gl/wzDiKV>
- Text formatting: <https://goo.gl/gpgTa8>

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