

HTML5

Elements you should know at least

header element

nav element

h1 element

h1 element

section element

footer element

```
<header>
  header element
  <nav>nav element </nav>
</header>
<h1>h1 element </h1>
<section>
  <h1>h1 element </h1>
  section element
</section>
<footer>footer element </footer>
```

header element

This element shows it is a header.

It is used for headline in general, but if you don't need, you don't need use it.

nav element

This element shows it is a navigation.

It is used for only main navigation of the site.

Located place is not only inside of header element.

section element

This element shows it is one of section (chapter, paragraph, item etc.) in a sentence.

It always include headline (h1~h6) inside.

footer element

This element shows it is a footer.

Complementary

There are other unique element of HTML5, but if you can use that 4 elements correctly, it is enough for making document structure.

If you want to use element except that 4 elements, you can search and remember it then.

How to thinking of outline

Document level is shown by using h1~h6 elements in old HTML and XHTML, but Outline is explicitly made by using sectioning content in HTML5.

How to write (X)HTML

```
<h1>1</h1>
<h2>1-1</h2>
<h3>1-1-1</h3>
<h3>1-1-2</h3>
<h2>1-2</h2>
<h2>1-3</h2>
```

Shape of outline

```
1. 1
   1. 1-1
     1. 1-1-1
     2. 1-1-2
   2. 1-2
   3. 1-3
```

How to write HTML5

good

```
<h1>1</h1>
<section>
  <h2>1-1</h2>
  <section>
    <h3>1-1-1</h3>
  </section>
  <section>
    <h3>1-1-2</h3>
  </section>
</section>
<section>
  <h2>1-2</h2>
</section>
<section>
  <h2>1-3</h2>
</section>
```

```
<h1>1</h1>
<section>
  <h1>1-1</h1>
  <section>
    <h1>1-1-1</h1>
  </section>
  <section>
    <h1>1-1-2</h1>
  </section>
</section>
<section>
  <h1>1-2</h1>
</section>
<section>
  <h1>1-3</h1>
</section>
```

These two make same outline.
You can use h1~h6 in section element.
Outline get clear if **you make section element hierarchically**.

bad

```
<h1>1</h1>
<section>
  <h2>1-1</h2>
</section>
<section>
  <h3>1-1-1</h3>
</section>
<section>
  <h3>1-1-2</h3>
</section>
<section>
  <h2>1-2</h2>
</section>
<section>
  <h2>1-3</h2>
</section>
```

Shape of outline

```
1. 1
   1. 1-1
   2. 1-1-1
   3. 1-1-2
   4. 1-2
   5. 1-3
```

This is an incorrect.
From 1-1 to 1-3 is same hierarchy is correct.