

HTML

Frequent use element

The following is necessary element for coding at least. Remember them firstly.

Search and remember other element when you use.

Document information · structure

<!DOCTYPE>	Declare document type
<html>	Declare it is HTML document
<head>	Show header information of document
<meta>	Designate information about the document
<title>	Give a title to document
<body>	Show main body of document
<h1>~<h6>	Give a headline
<p>	Show that it is a paragraph

Text expression

 	Start a new line
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Text meaning

	Emphasize
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Link

<a>	Put a link
<map>	Image map
<area>	Set image map area
<link>	Designate related document file

Image

	Display image
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Table · layout

<table>	Make a table
<tr>	Define horizontal line of table
<th>	Make headline cell of table
<td>	Make data cell of table
<hr>	Add horizontal ruled line

List

	Display list without order
	Write list item
<dl>	Show that it is definition list
<dt>	Show word that you define
<dd>	Write explanation of defined word

Script

<script>	Put script in document
<noscript>	Display content for environment that script doesn't work

Style sheet

<style>	Write style sheet
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Area designation

<div>	Define as one group of area (block element)
	Define as one group of area (inline element)

Comment

<!-- -->	Put comment in source
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DOCTYPE declaration

Declare which HTML version you will use. Write it in head of HTML.

HTML 4.01 or XHTML 1.0 is used for previous site. Remember it because format is different.

HTML 4.01 Transitional DTD

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN" "http://www.w3.org/TR/html4/loose.dtd">
```

XHTML 1.0 Transitional DTD

```
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN" "http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
```

Write **/>** for parenthesis of no closing tag element.

```
<meta name="description" content="説明" />  
<br /><hr />  

```

※There are other detailed rules, but you don't need know it in Lv.1.

HTML5

```
<!DOCTYPE html>
```

Character code

Designate character code of HTML file.

Write it before Japanese appear in HTML. If you designate different character code from real character code, character will be garbled.

In case that designate Shift-JIS It is used for previous Japanese site. It is remained even now.

```
<meta http-equiv="Content-Type" content="text/html; charset=shift_jis">
```

In case that designate EUC-JP It is not used recently.

```
<meta http-equiv="Content-Type" content="text/html; charset=euc-jp">
```

In case that designate UTF-8 It is major recently.

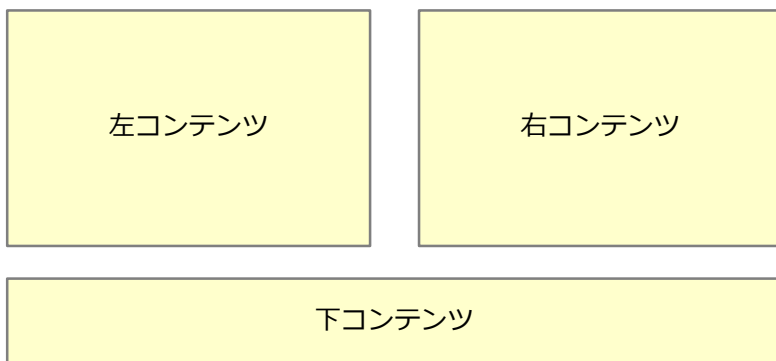
```
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
```

div element

It have no meaning and it is block level element.

It is used for layout like surround element and put class attribute.

Start a new line in front and behind of surrounded area.



```
<div class="leftArea">左コンテンツ</div>
<div class="rightArea">右コンテンツ</div>
<div class="bottomArea">下コンテンツ</div>
```

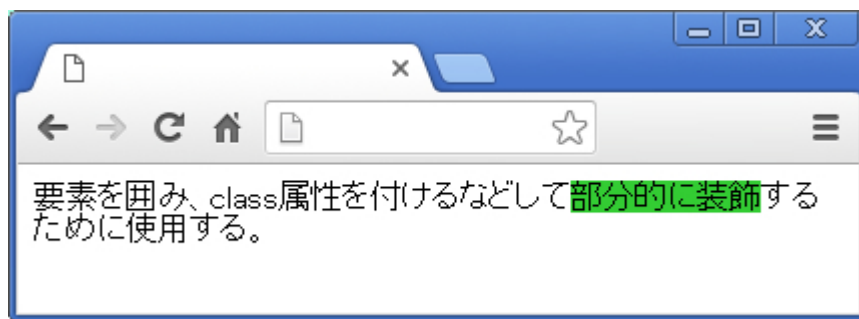
```
.leftArea {float: left;}
.rightArea {float: right;}
.bottomArea {clear: both;}
```

span element

It have no meaning and it is inline element.

It is used for decoration partly like surround element and put class attribute.

Not start a new line in front and behind of surrounded area.



要素を囲み、class属性を付けるなどして ****
部分的に装飾 **** するために使用する。

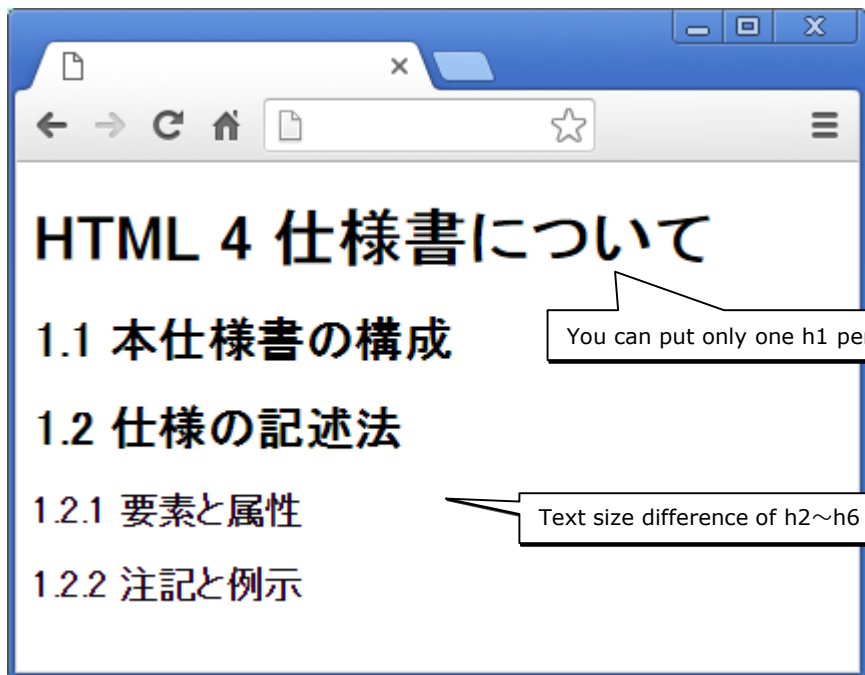
```
.sample {
  background: #33cc33;
}
```

h element

It means heading.

There are h1 that become page title and h2~h6.

h2~h6 relation is order of sentence chapters, not order of text size and from top to bottom. Construct it the following sentence content.



<h1>HTML 4 仕様書について**</h1>**

<h2>1.1 本仕様書の構成**</h2>**

<h2>1.2 仕様の記述法**</h2>**

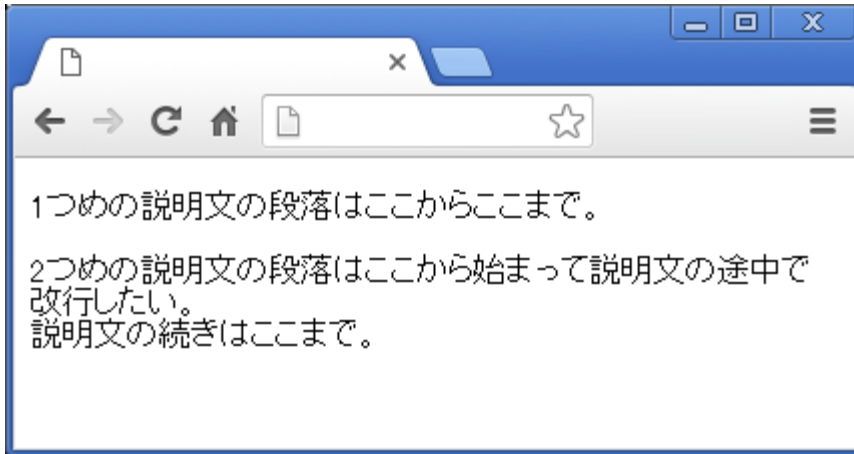
<h3>1.2.1 要素と属性**</h3>**

<h3>1.2.2 注記と例示**</h3>**

p element

It shows it is a paragraph.

**Use `
`, not separate `<p>` if you want to add a linefeed in text within paragraph.**



br element

Use it when you add a linefeed in text.

good

`<p>`1つめの説明文の段落はここからここまで。 `</p>`
`<p>`2つめの説明文の段落はここから始まって説明文の途中で改行したい。 `
`
説明文の続きはここまで。 `</p>`

bad

`<p>`1つめの説明文の段落はここからここまで。 `</p>`
`<p>`2つめの説明文の段落はここから始まって説明文の途中で改行したい。 `</p>`
`<p>`説明文の続きはここまで。 `</p>`

a element

Set a link

How to write a link

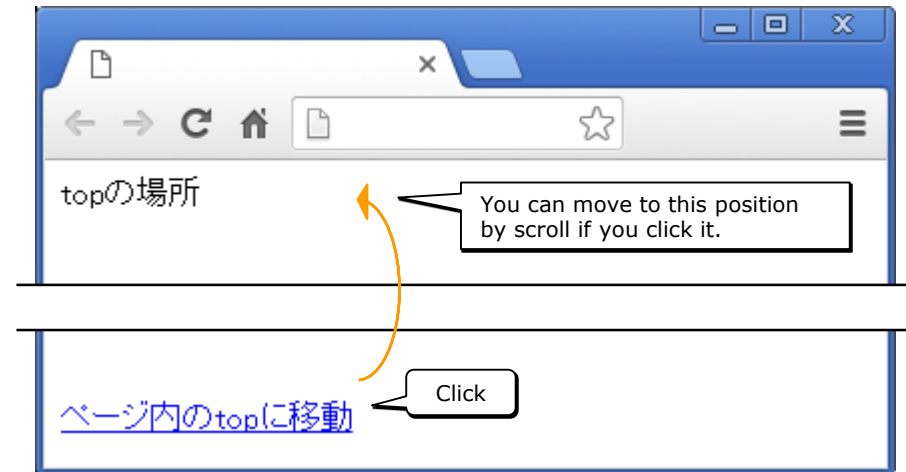
```
<a href="../page1.html">相対パスでリンク</a>  
<a href="/content/page1.html">サイトルート相対パスでリンク</a>  
<a href="http://www.yahoo.co.jp/">絶対パスでリンク</a>
```

In case that you want to open a link by another window

```
<a href="../page1.html" target="_blank">別ウィンドウでリンク</a>
```

In case that you want to move in the middle of page

```
<div id="top">topの場所</div>  
...  
  
<a href="#top">ページ内のtopに移動</a>  
<a href="page2.html#top">別ページ内のtopに移動</a>
```



img element

It displays image.



```

```

alt : Required

If you place text as an image, **place directly in the text.**



bad alt="Main visual"

good alt="注目！最新業界動向"

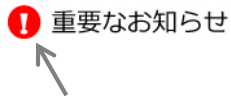
Example Company logo

株式会社
サンプル販売

bad alt="logo"

good alt="株式会社サンプル販売"

Set **alt=""** for things that don't have information and can't explain.



bad alt="icon"

good alt=""

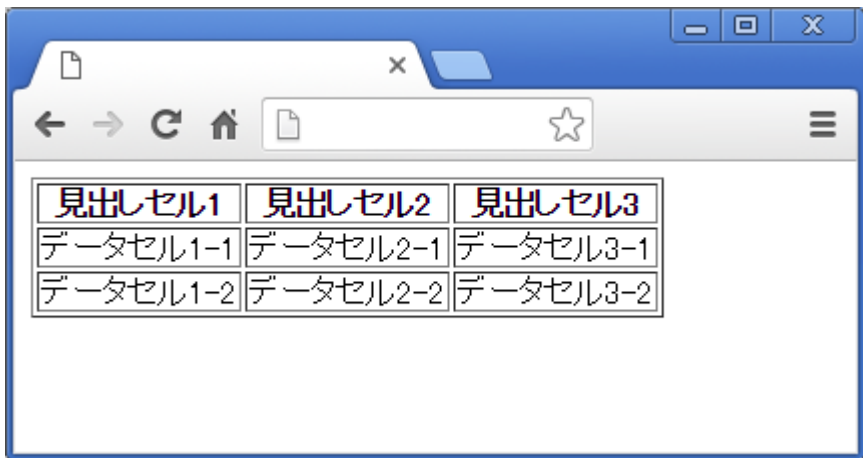
width height

It is not an essential attribute, but in case of forming, when it is not possible to specify the width, the height, **you must specify.**

Table

It makes a table.

Use header cell (th) and data cell (td) properly.



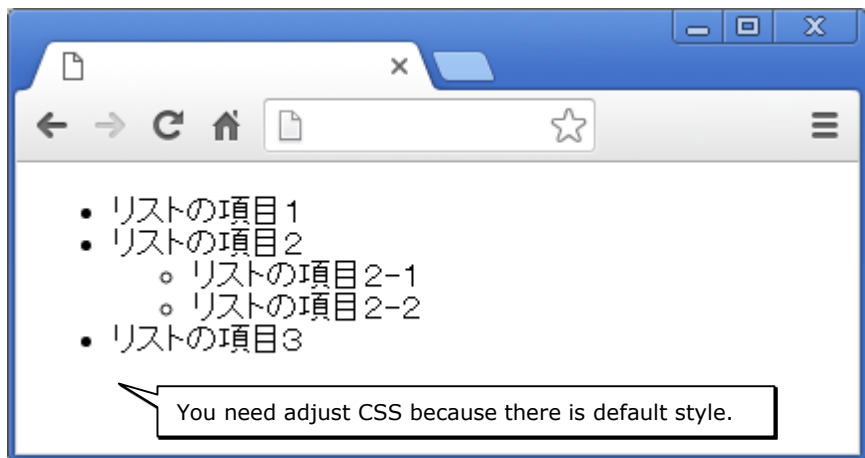
見出しセル1	見出しセル2	見出しセル3
データセル1-1	データセル2-1	データセル3-1
データセル1-2	データセル2-2	データセル3-2

```
<table border="1">
  <tr>
    <th>見出しセル1</th>
    <th>見出しセル2</th>
    <th>見出しセル3</th>
  </tr>
  <tr>
    <td>データセル1-1</td>
    <td>データセル2-1</td>
    <td>データセル3-1</td>
  </tr>
  <tr>
    <td>データセル1-2</td>
    <td>データセル2-2</td>
    <td>データセル3-2</td>
  </tr>
</table>
```

List

It shows a list.

Use for information that you can summarize it as "list".



```
<ul>
  <li>リストの項目 1 </li>
  <li>リストの項目 2
    <ul>
      <li>リストの項目 2 - 1 </li>
      <li>リストの項目 2 - 2 </li>
    </ul>
  </li>
  <li>リストの項目 3 </li>
</ul>
```

It can be nested.