

- Code, Source, Language (Computer Language)  
→ Application, App, Program, Webpage, Website

- HTML: HyperText Markup Language (Public Domain)

- TAG: <> </>

- <h1>Hello World</h1>: HTML headings

- <https://www.advancedwebranking.com/seo/html-study>

- <p>: HTML paragraph

- <br>: HTML line break

- : HTML image attribute

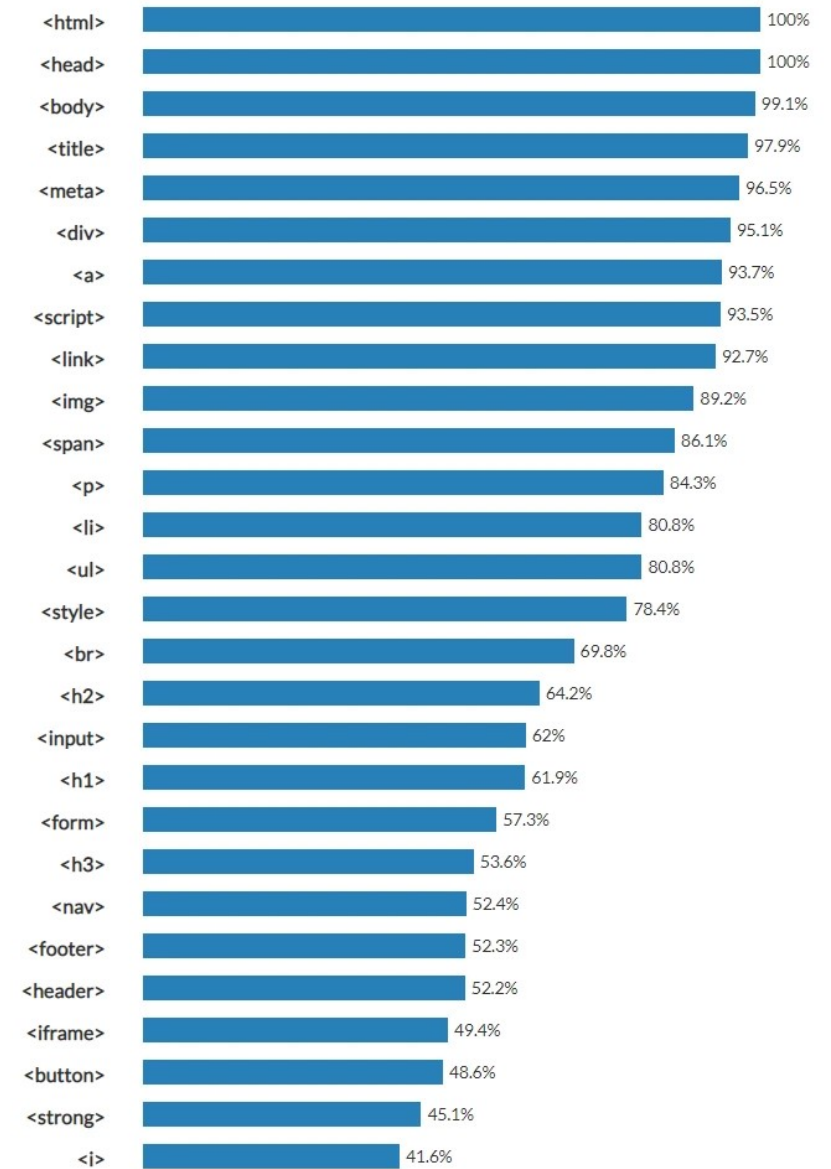
- <div> → parent tag  
    <p>Coding</p> → child tag  
    </div>

- <ul> → Unorderd list  
    <li>menu1</li>  
    <li>menu2</li>  
    <li>menu3</li>  
    </ul>

- <ol> → Orderd list  
    <li>menu1</li>  
    <li>menu2</li>  
    <li>menu3</li>  
    </ol>

- <table> → Table  
    <th>  
        <td>item</td>  
        <td>data</td>  
    </th>  
    <tr>  
        <td>head</td>  
        <td>100%</td>  
    </tr>  
    <tr>  
        <td>body</td>  
        <td>99.1%</td>  
    </tr>  
    <tr>  
        <td>title</td>  
        <td>97.0%</td>  
    </tr>  
    </table>

The thirty-two elements used on most pages, ordered by appearance frequency:

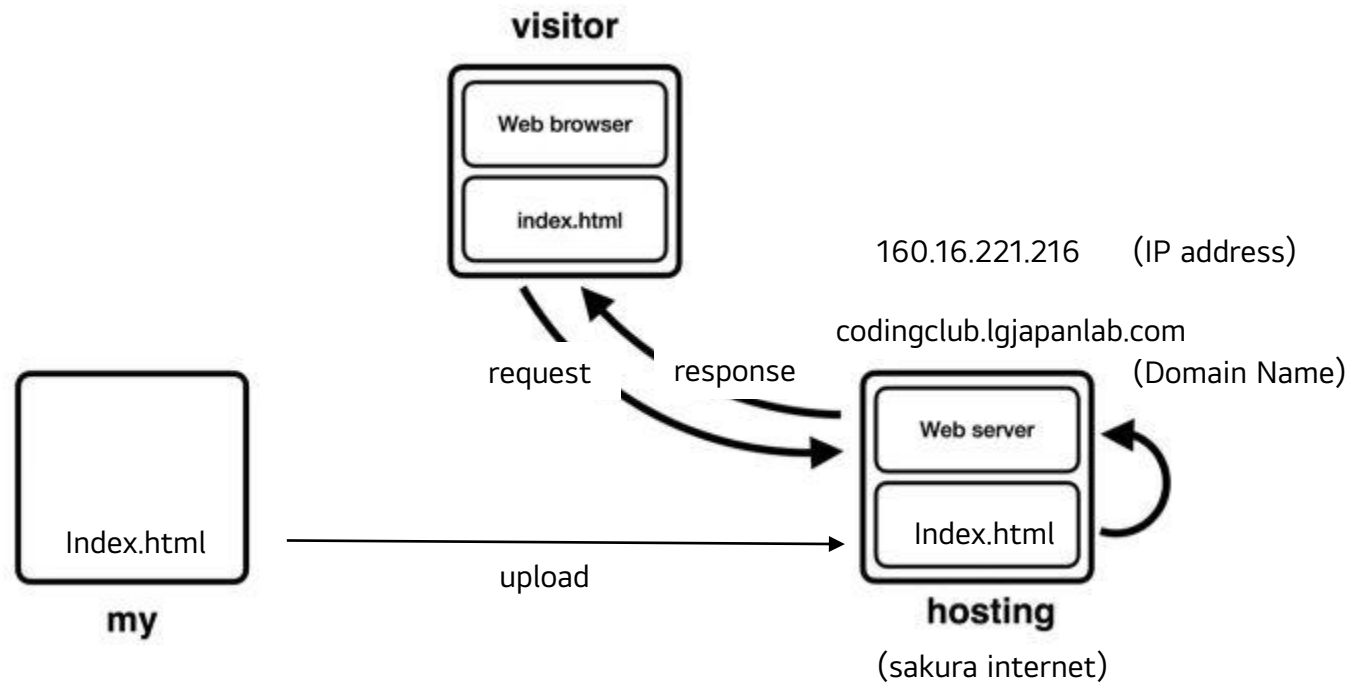
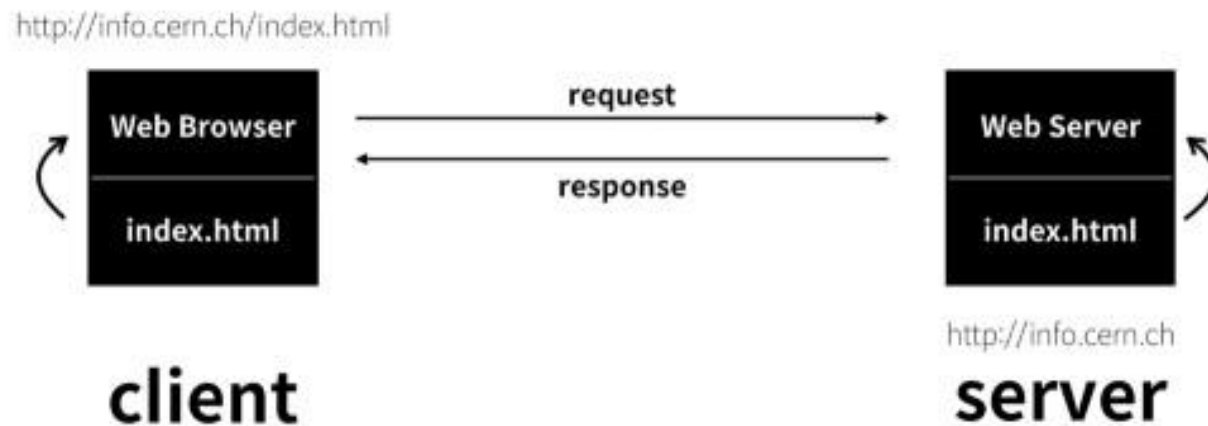




- 1960: internet → 1990.12.24: primitive web
- <https://info.cern.ch> → home of the first website
- web hosting vs web server
- codingClub page service method:
  - 1) file server: [Let's R&D](#)
  - 2) Web hosting service: [sakura internet](#)

Domain name service: [お名前.com](#)

Domain name: [codingclub.lgjapanlab.com](#)



- CSS: Cascading Style Sheets
- Three Ways to Insert CSS (html document)

### 1) Inline CSS

```
<h1 style="font-size: 40px; color:blue;">My Profile</h1>  
<p style="font-style: italic">ChangHo OH joined LG Display ...</p>
```

### 2) Internal CSS

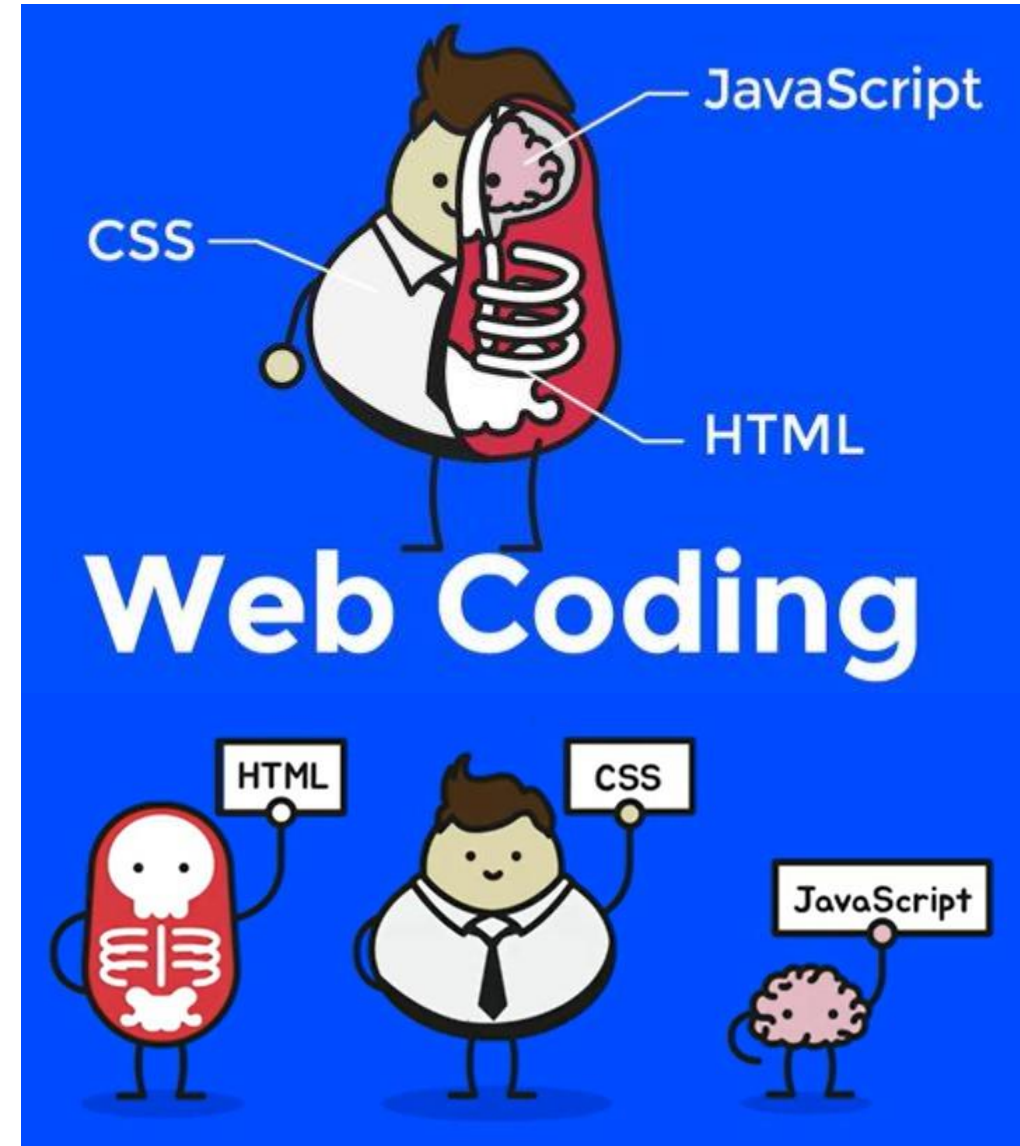
```
<head>  
<style>  
  h1 {  
    font-size: 40px;  
    color: blue;  
  }  
  p {  
    font-style: italic;  
  }  
</style>  
</head>
```

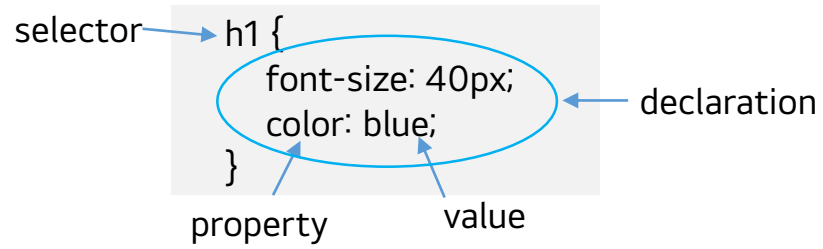
### 3) External CSS

```
<head>  
  <link rel="stylesheet" href="style.css">  
</head>
```

style.css file →

```
h1 {  
  font-size: 40px;  
  color: blue;  
}  
  
p {  
  font-style: italic;  
}
```



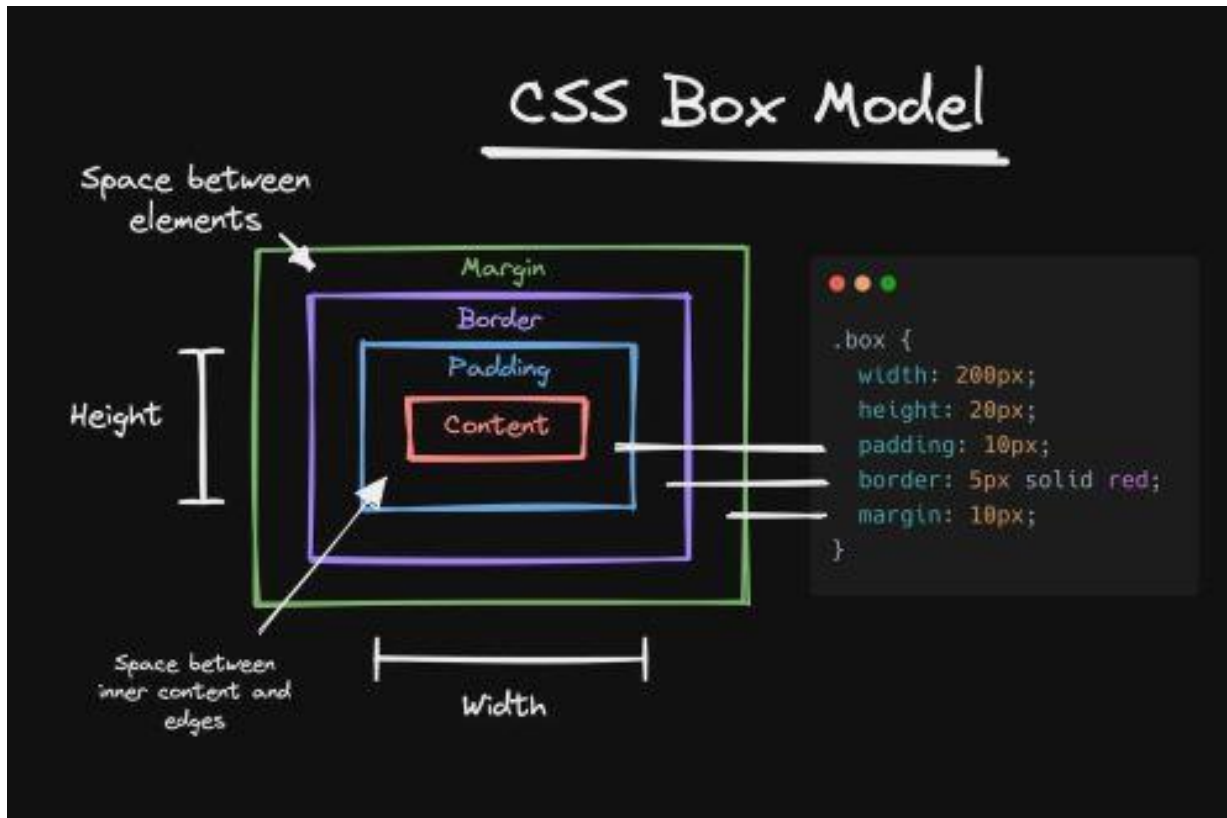


- [https://www.w3schools.com/cssref/css\\_selectors.php](https://www.w3schools.com/cssref/css_selectors.php)
- [block level element vs inline element](#)



display : block;    display : inline;    display : inline-block;    display : none;

- flex, grid
- media query
- [CSS Cheat Sheet1](#)
- [CSS Cheat Sheet2](#)
- [CSS Cheat Sheet3](#)





LOGO

menu#1

menu#2

menu#3

sidebar#1

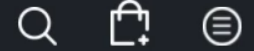
sidebar#2

sidebar#3

Lorem, ipsum dolor sit amet consectetur adipisicing elit. Repellat alias consectetur commodi! Tenetur, nam! Illo placeat eligendi suscipit rem ipsam culpa officiis maxime itaque, saepe eius quod voluptatem repellat voluptates eveniet facere ducimus fugit magnam hic animi facilis perferendis laudantium.

Lorem, ipsum dolor sit amet consectetur adipisicing elit. Repellat alias consectetur commodi! Tenetur, nam! Illo placeat eligendi suscipit rem ipsam culpa officiis maxime itaque, saepe eius quod voluptatem repellat voluptates eveniet facere ducimus fugit magnam hic animi facilis perferendis laudantium.


Copywrite et al...



# NIKE SPORTS AIR

The Nike Air Zoom Vomero 15 Is Back Upfated Cushioning  
And A Tough Outsole For Traction.

\$150

ADD TO CART 



# Find Your Next Stay

**Location**

Where are you going ?

**Check in**

Add Date

**Check out**

Add Date

**Guest**

Add Guest





HOME

SHOP

DELIVERY

APP

ABOUT

CONTACT

WELCOME TO

# Starbucks Coffee

FREE COFFEE IS A  
TAP AWAY

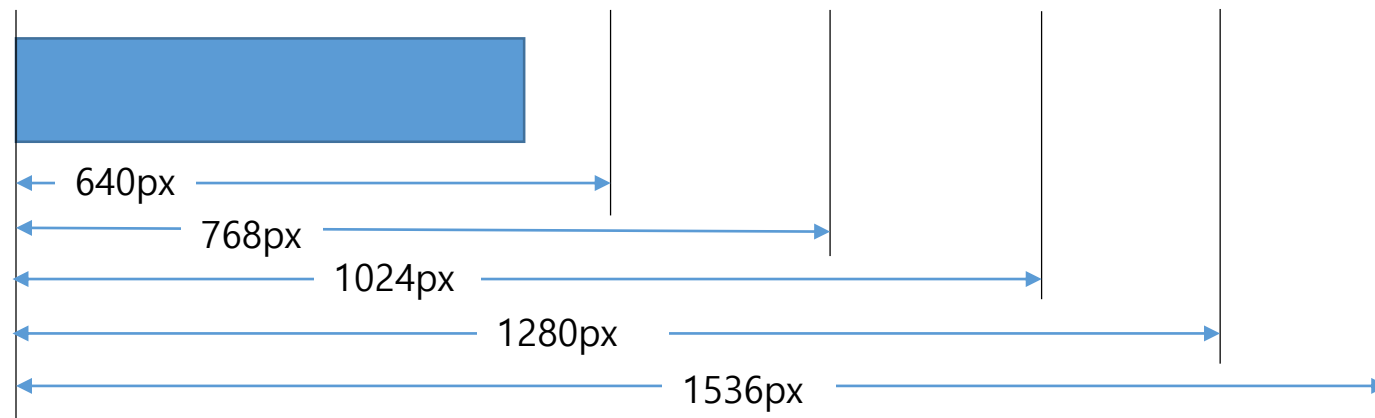
Join Now



Breakpoint prefix	Minimum width	CSS
`sm`	640px	`@media (min-width: 640px) { ... }`
`md`	768px	`@media (min-width: 768px) { ... }`
`lg`	1024px	`@media (min-width: 1024px) { ... }`
`xl`	1280px	`@media (min-width: 1280px) { ... }`
`2xl`	1536px	`@media (min-width: 1536px) { ... }`

```
@media only screen and (max-width: 640px) {
}
```

```
@media only screen and (min-width: 640px) {
}
```



```
@media only screen and (min-width: 640px) and (max-width: 1024px) {
}
```

- Javascript (programming language)

- Variables

- let (changeable)  
let a = 1; (numeric type)  
let b = 'tom'; (string type)  
let c = true; (boolean type)

- a = 20;  
b = "jerry";  
c = false;

- const (cannot be changed)  
const x = 1;  
const y = 'super man';  
const z = false;

- x = 20; (x)

- var ('let'と同じ機能なのに使わない方が良い。)

- Screen output function

- console.log(a);  
- console.log('x: ', x, 'y: ', y, 'z: ', z);

- Array

- const arr = [ 'tom', 'jerry', 'snoopy', 'charlie' ]

- console.log( arr[0], arr[1] );

- for ( a of arr ) {  
    console.log( a );  
    alert(a);  
};

- Several Ways to Insert javascript in html document

- 1) Internal javascript - in head tag or in body tag

```
<head>  
  <script>  
    let name = 'Oh ChangHo';  
    alert("My name is ", name, " !!!");  
  </script>  
</head>  
or  
<body>  
  <script>  
    let name = 'Oh ChangHo';  
    console.log("My name is ", name, " !!!");  
  </script>  
</body>
```

- using Node JS

Interesting samples  
- <https://p5js.org>

- 2) External javascript

```
<head>  
  <script src='index.js'></script>  
</head>  
or  
<body>  
  <script src='index.js'></script>  
</body>
```

Javascript 日本語講座

- <https://youtu.be/ExoqS3s17Y?si=wVRLaJ6zV9-O8M6o>

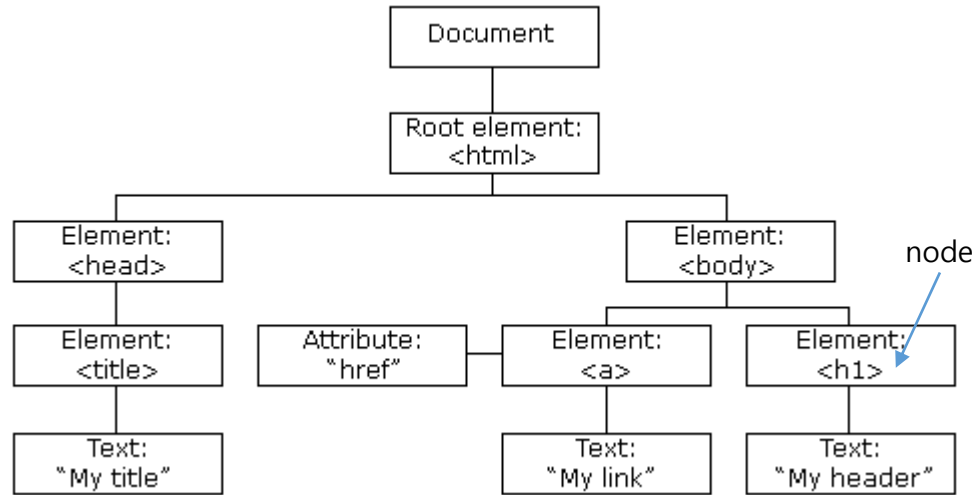
Javascript 한국어강좌

- [https://youtu.be/P0FY8k916e0?si=S\\_RkL0h79LtDfvIj](https://youtu.be/P0FY8k916e0?si=S_RkL0h79LtDfvIj)

Index.js file →

```
let name = 'Oh ChangHo';  
alert("My name is ", name, " !!!");
```

- DOM (Document Object Model)



DOM 日本語講座

- [https://youtu.be/Axy55VP3DSY?si=xjf5uNtLj3\\_bFmsC](https://youtu.be/Axy55VP3DSY?si=xjf5uNtLj3_bFmsC)

DOM 한국어강좌

- <https://youtu.be/uK6uExrg7Ww?si=R5wAo3Fod9U8LAvQ>

F12 : developer tool → console

```

document;
document.body;
document.body.style.backgroundColor = 'yellow';
document.getElementById('first').style.color = 'red';
document.getElementsByTagName('p');
document.querySelectorAll('.link');
const linkList = document.querySelectorAll('.link');
for ( a of linkList ) {
    a.style.fontSize = '20px';
    a.style.color = 'red';
};
document.querySelectorAll('#first');
document.querySelector('#first');
document.querySelector('.link');
document.querySelector('h3');
document.querySelector('h3:nth-of-type(2)');
  
```