

belajarkoding.net &  cimahi creative  
ASSOCIATION Present:

# BELAJAR WEB DESIGN BARENG GRATIS

@CCA Gedung BITC Lt.5 Baros Cimahi  
Tiap Sabtu - 2 Minggu Sekali

Jam 14.00 - 16.00

\*Bawa Laptop & Terminal masing-masing

# What will we be using?



**HTML**



**CSS**

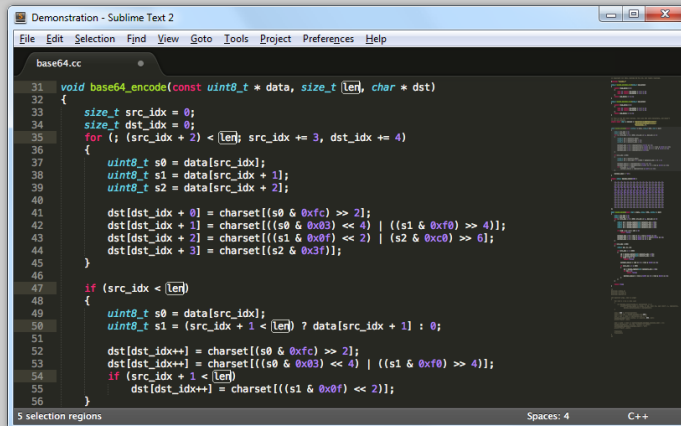


**JS**



# Sublime Text

Sublime Text is a sophisticated text editor for code, markup and prose.  
You'll love the slick user interface, extraordinary features and amazing performance.



```
base64.cc
31 void base64_encode(const uint8_t * data, size_t len, char * dst)
32 {
33     size_t src_idx = 0;
34     size_t dst_idx = 0;
35     for (; (src_idx + 2) < len; src_idx += 3, dst_idx += 4)
36     {
37         uint8_t s0 = data[src_idx];
38         uint8_t s1 = data[src_idx + 1];
39         uint8_t s2 = data[src_idx + 2];
40
41         dst[dst_idx + 0] = charset[(s0 & 0xfc) >> 2];
42         dst[dst_idx + 1] = charset[(s0 & 0x03) << 4 | ((s1 & 0xf0) >> 4)];
43         dst[dst_idx + 2] = charset[(s1 & 0x0f) << 2 | (s2 & 0xc0) >> 6];
44         dst[dst_idx + 3] = charset[(s2 & 0x3f)];
45     }
46
47     if (src_idx < len)
48     {
49         uint8_t s0 = data[src_idx];
50         uint8_t s1 = (src_idx + 1 < len) ? data[src_idx + 1] : 0;
51
52         dst[dst_idx++] = charset[(s0 & 0xfc) >> 2];
53         dst[dst_idx++] = charset[(s0 & 0x03) << 4 | ((s1 & 0xf0) >> 4)];
54         if (src_idx + 1 < len)
55             dst[dst_idx++] = charset[(s1 & 0x0f) << 2];
56     }
57 }
```

Use Multiple Selections to rename variables quickly.  
Here *Ctrl+D* is used to select the next occurrence of the current word.

Download for Windows

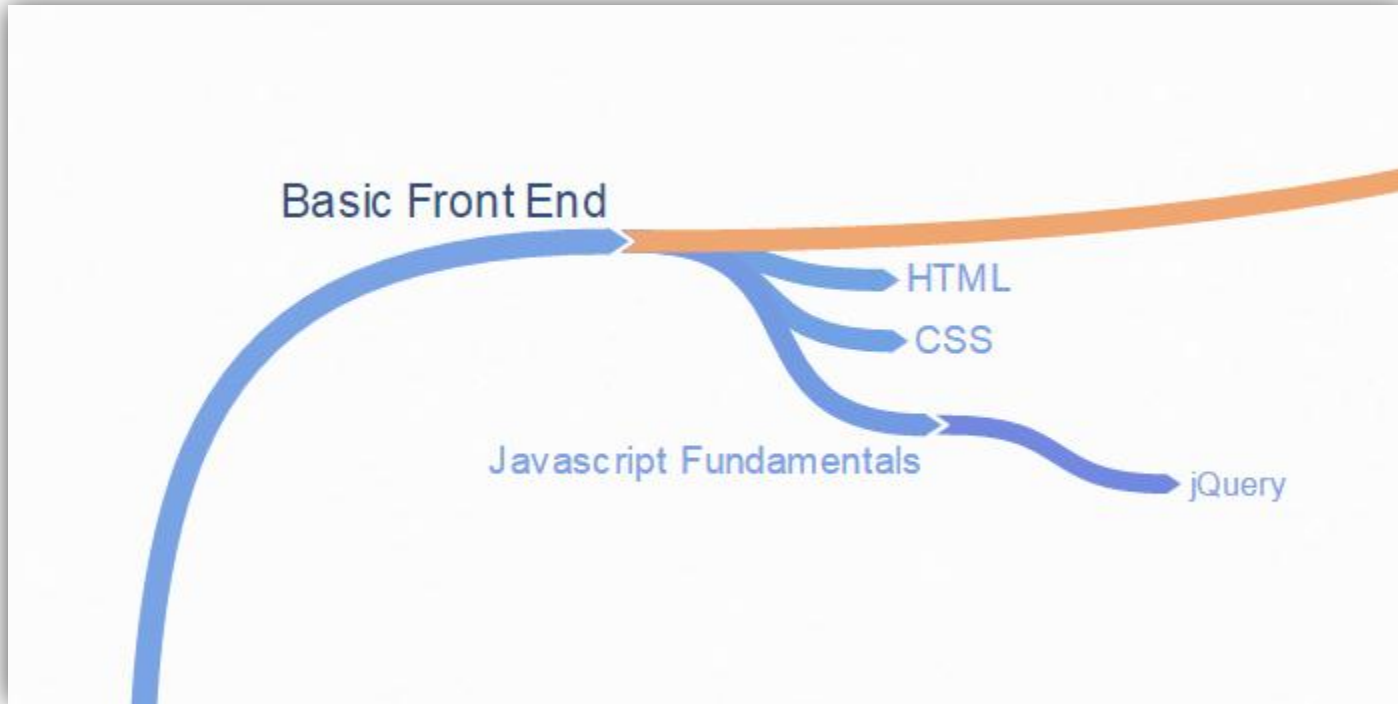
Sublime Text 3, Build 3103, 64 bit

www.sublimetext.com

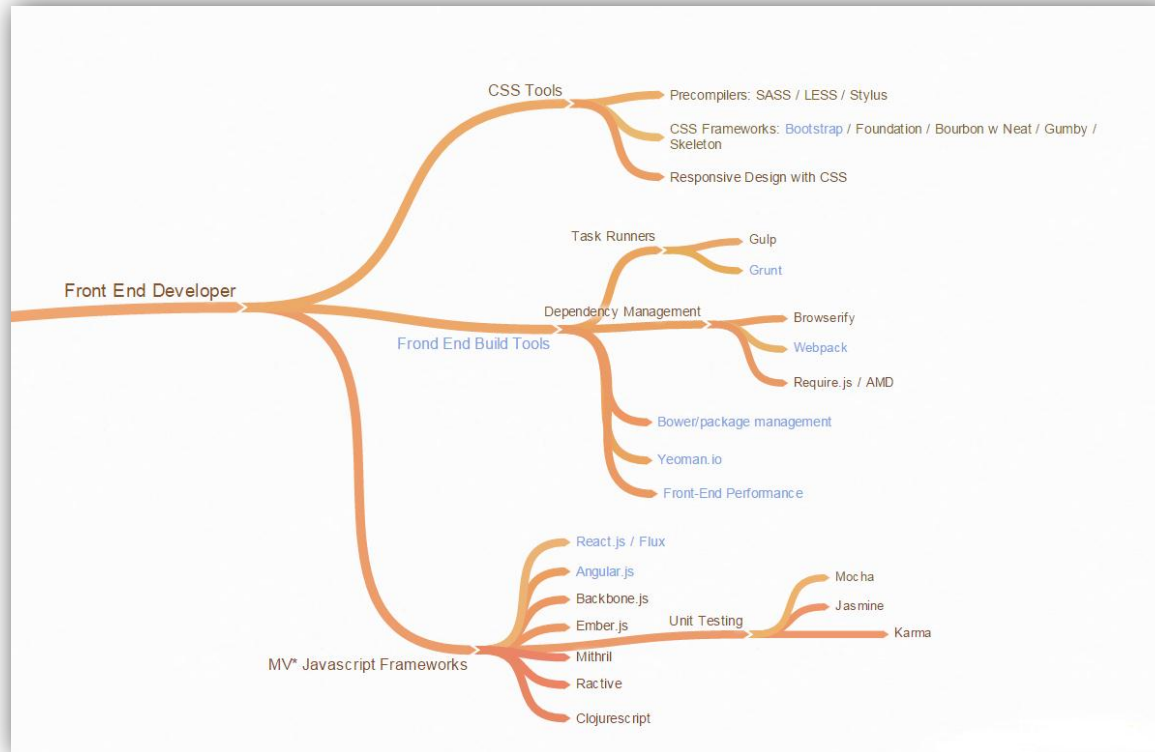
# What will we learn first?

Web Design

~~Front-end Development~~



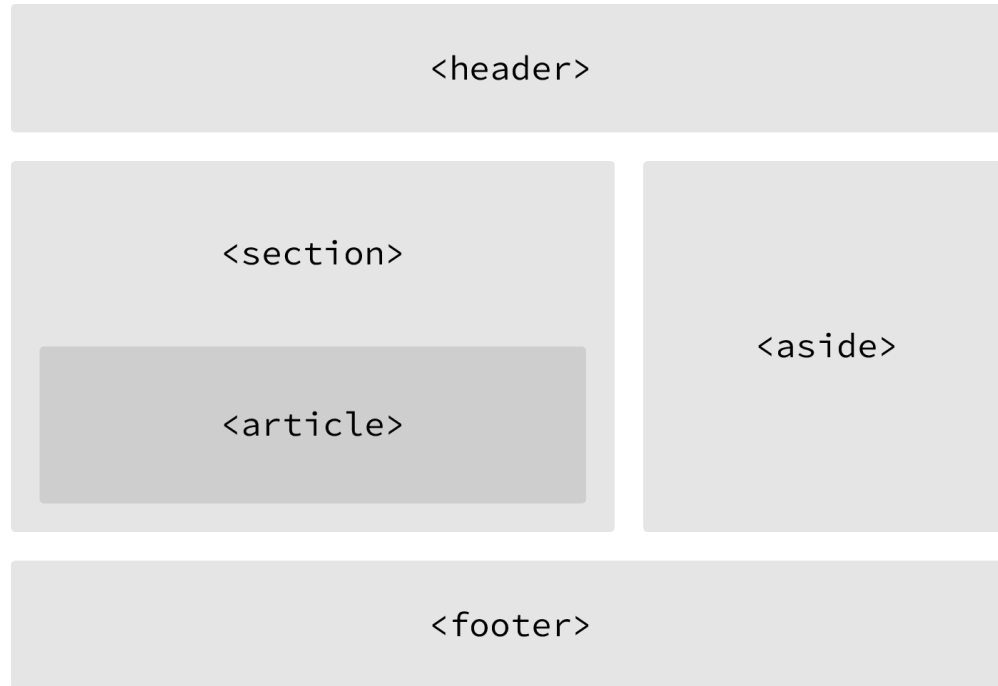
This is the basic we will learn and cover for now and later.  
I called this "Web Design"



For mastering "Front-end Development", we should learn this too.  
Don't worry, we will not learn this right now 😊

# Writing HTML Structure

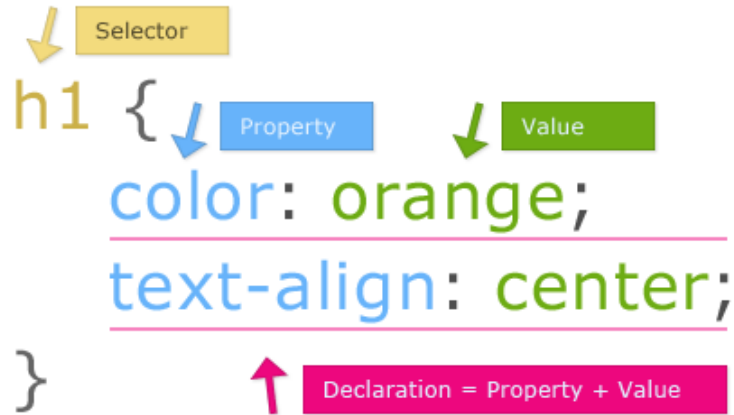
Coding time!



A web is usually structured like this



### Anatomy of a CSS Rule



And we will need CSS to styling HTML elements

# Add our new CSS file

- Create new **style.css** file
- Load it into your html file

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

add this line inside your **<body>** tag

- FYI, this is called **external css**

# Div vs Span

Div is usually used for creating layout

Example :

```
<div class="navigation">
  <div class="navigation-left">
    Hello, I am left navigation!
  </div>
  <div class="navigation-right">
    Hello, I am right navigation!
  </div>
</div>
```

Span is usually used for styling element / text

Example:

```
<div class="the-content">
  "Thou art I... And I am thou... <br>
  Thou hast <span class="label-important">established</span>
</div>
```

"So, we will use div for creating layout elements"

# Creating layout for header

```
<header>  
  <div class="heading-text">  
  </div>  
  <div class="heading-navigation">  
  </div>  
</header>
```

Write this inside your `<body>` tag

# Add a Navigation

- [Beranda](#)
- [Portfolio](#)
- [Contact](#)
- [About](#)

```
<nav>
  <ul>
    <li><a href="index.html">Beranda</a></li>
    <li><a href="portfolio.html">Portfolio</a></li>
    <li><a href="contact.html">Contact</a></li>
    <li><a href="about.html">About</a></li>
  </ul>
</nav>
```

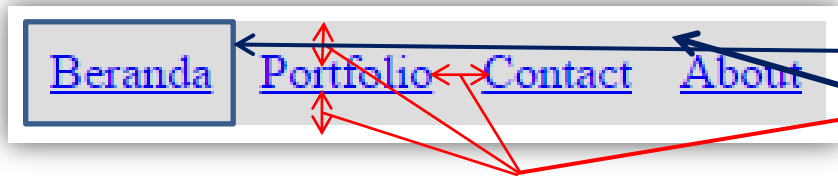
# Inline Navigation

## HTML

```
<ul>  
<li><a href="index.html">Beranda</a></li>  
<li><a href="portfolio.html">Portfolio</a></li>  
<li><a href="contact.html">Contact</a></li>  
<li><a href="about.html">About</a></li>  
</ul>
```

## CSS

```
ul {  
  list-style-type: none;  
  margin: 0;  
  padding: 0;  
  overflow: hidden;  
}  
  
li {  
  float: left;  
}  
  
li a {  
  display: block;  
  padding: 8px;  
  background-color: #dddddd;  
}
```



# Source code for this session

[github.com/galpratama/  
belajar-bareng-web-design](https://github.com/galpratama/belajar-bareng-web-design)

# Let's discuss!



<http://line.me/R/ti/g/E9tW-iE2vo>