

FRONT – END FUNDAMENTIAL

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000

Source File

Before start your action.

BOOTSTRAP TEMPLATE + Atom (for Linux 64-Bit)

<https://github.com/vincentvason/BootstrapTemplate>

000

Source File

Before start your action.

vincentvason / BootstrapTemplate

Watch 1

Star 0

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<> Code

Issues 0

Pull requests 0

Projects 0

Pulse

Graphs

No description or website provided.

2 commits

1 branch

0 releases

1 contributor

Branch: master

New pull request

Find file

Clone or download



vincentvason committed on GitHub Readme

css	First Commit
img	First Commit
js	First Commit
.DS_Store	First Commit
README.md	Readme

Clone with HTTPS

Use Git or checkout with SVN using the web URL.

<https://github.com/vincentvason/BootstrapT>



Open in Desktop

Download ZIP

23 days ago

22 days ago

**IF YOU INTERESTED IN FRONT-END
AND WANT TO KNOW IN-DEPTH INFORMATION**



USEFUL WEBSITE

- *StackOverflow*
- *CSSTrick*

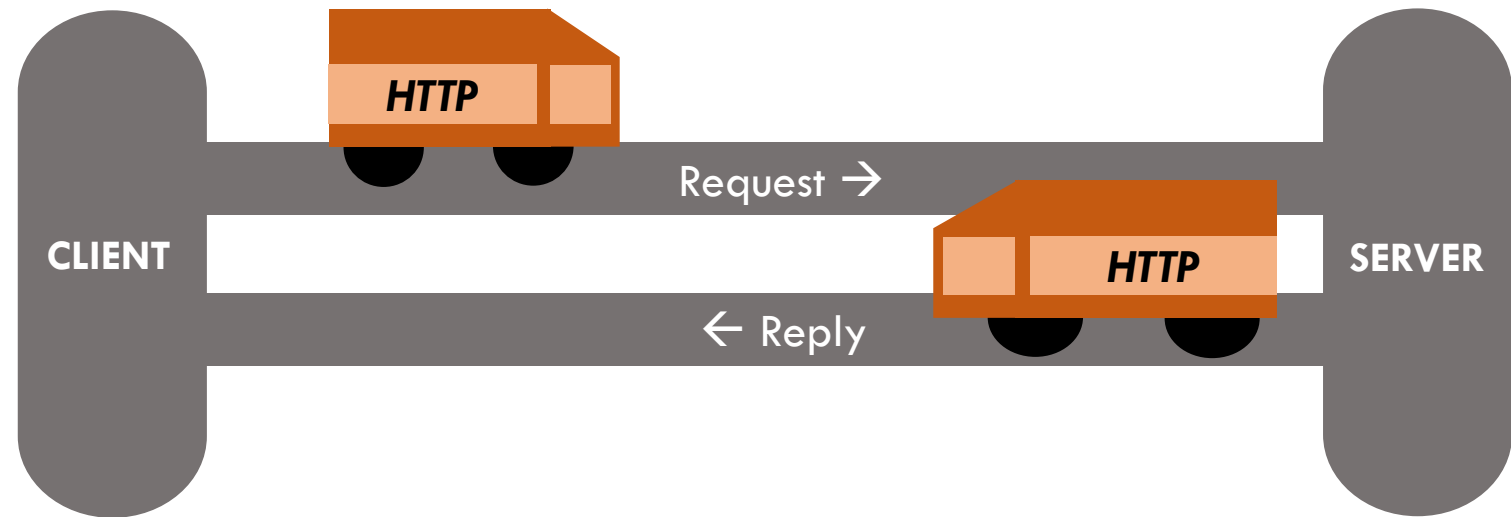
Google Search

I'm Feeling Lucky

Google.co.th offered in: ภาษาไทย

001

HTTP PROTOCOL

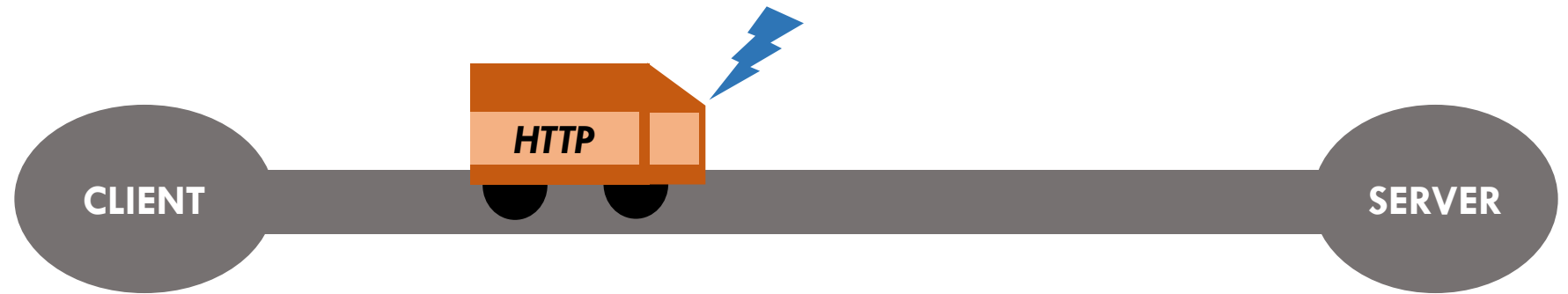


Main objective is to exchange and communicate between HTML or HTML to Server

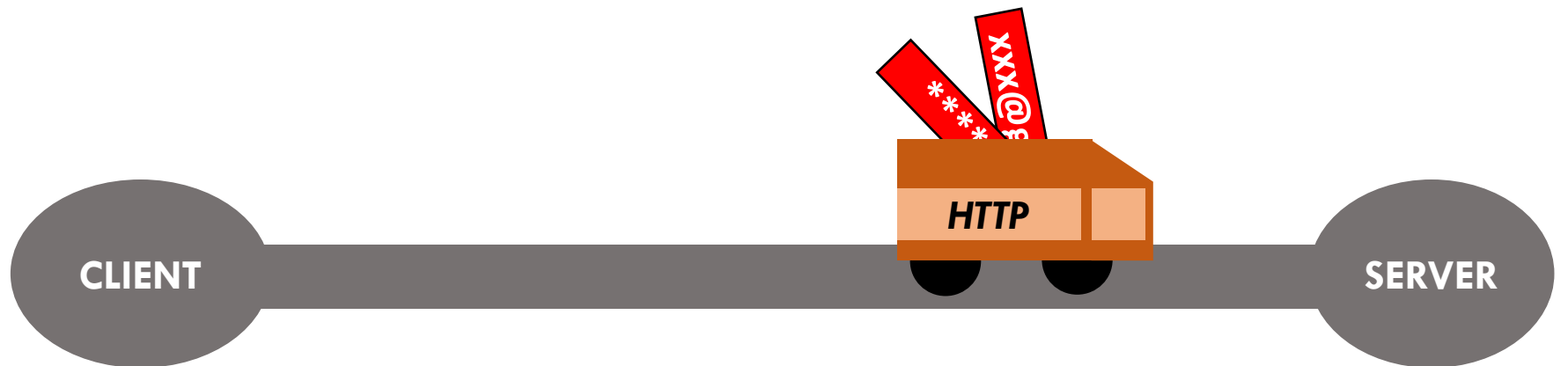
002

HTTP METHOD

kmi.tl&id=blahblah



GET METHOD, read data from **server** to **client** by using URL



POST METHOD, sending data from **client** to **server** by using
body message

003

HTTP STATUS CODE

CODE: **1XX**

Request is received.

CODE: **2XX**

Success!

CODE: **3XX**

Client must take additional action to complete the request.

CODE: **4XX**

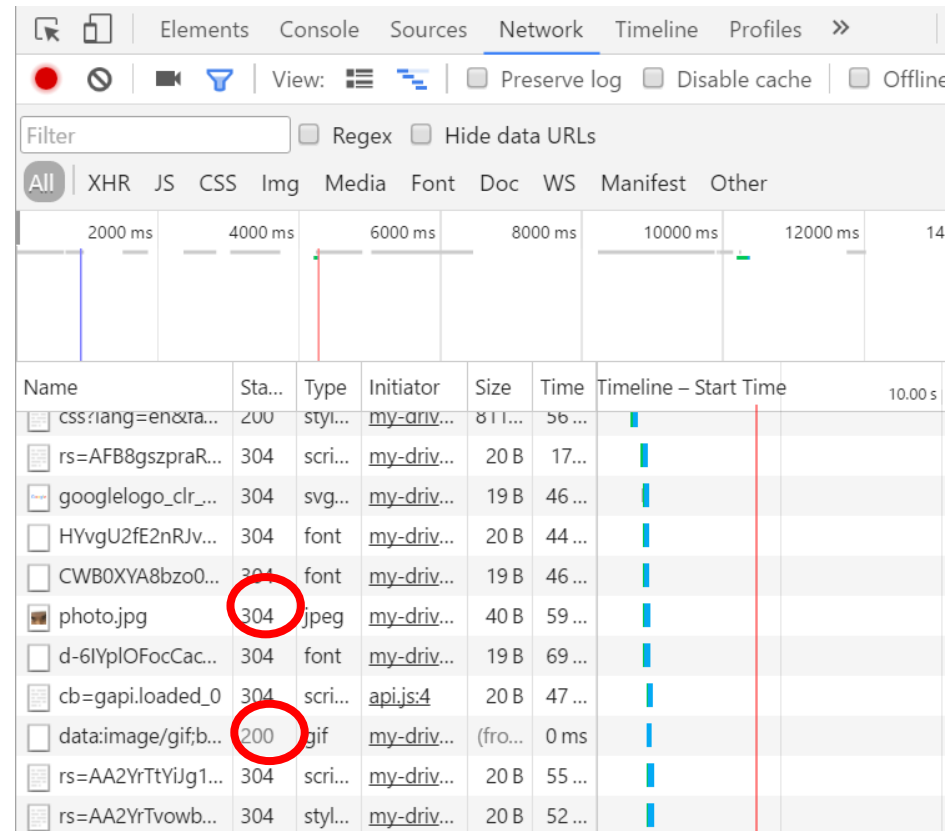
Error caused by client.

CODE: **5XX**

Error caused by server.

003

HTTP STATUS CODE



The screenshot shows the Chrome DevTools Network tab. The top bar includes tabs for Elements, Console, Sources, Network (selected), Timeline, and Profiles. Below the tabs are icons for a red dot, a crossed-out circle, a video camera, and a funnel. The 'View' section shows a list icon and a blue wavy line icon. There are checkboxes for 'Preserve log', 'Disable cache', and 'Offline'. A 'Filter' input field is present, followed by checkboxes for 'Regex' and 'Hide data URLs'. Below the filter is a category bar with 'All' selected, and other categories: XHR, JS, CSS, Img, Media, Font, Doc, WS, Manifest, and Other. A timeline bar at the top of the table shows a scale from 0 to 14 seconds with markers at 2000 ms, 4000 ms, 6000 ms, 8000 ms, 10000 ms, and 12000 ms. The table below has columns: Name, Sta..., Type, Initiator, Size, Time, and Timeline – Start Time. A vertical red line is drawn at the 10.00 s mark in the timeline column.

Name	Sta...	Type	Initiator	Size	Time	Timeline – Start Time
css:lang=en&ra...	200	styl...	my-driv...	811...	56...	
rs=AFB8gszpraR...	304	scri...	my-driv...	20 B	17...	
googlelogo_clr...	304	svg...	my-driv...	19 B	46...	
HYvgU2fE2nRJv...	304	font	my-driv...	20 B	44...	
CWB0XYA8bzo0...	304	font	my-driv...	19 B	46...	
photo.jpg	304	jpeg	my-driv...	40 B	59...	
d-6lYpIOFocCac...	304	font	my-driv...	19 B	69...	
cb=gapi.loaded_0	304	scri...	api.js:4	20 B	47...	
data:image/gif;b...	200	gif	my-driv...	(fro...	0 ms	
rs=AA2YrTtYiJg1...	304	scri...	my-driv...	20 B	55...	
rs=AA2YrTvowb...	304	styl...	my-driv...	20 B	52...	

For more information : https://en.wikipedia.org/wiki/List_of_HTTP_status_codes

004

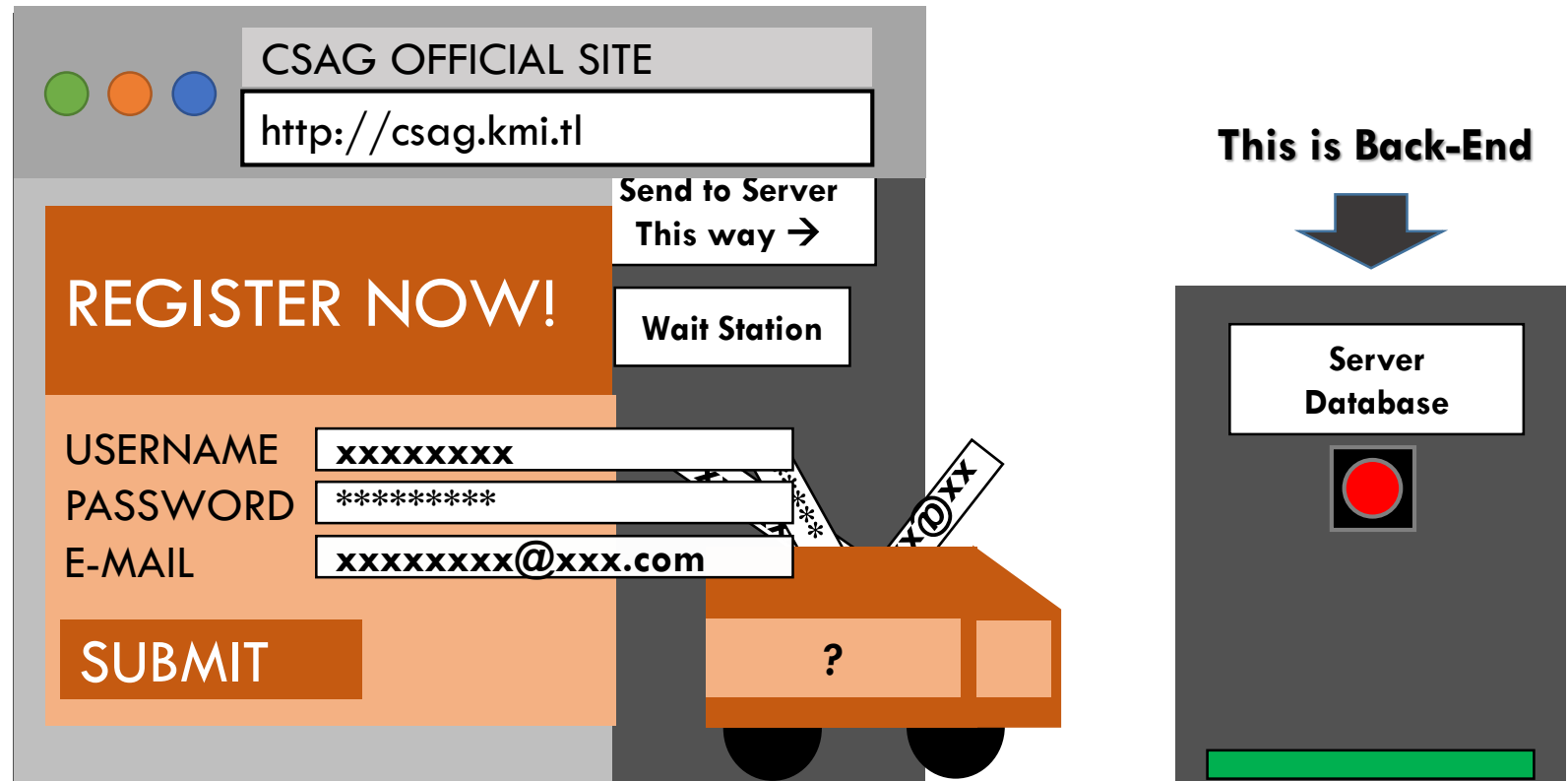
FRONT-END & BACK-END



Just like a ordinary show.
Every show has front and back.

004

FRONT-END & BACK-END



In web is same as a show! We have front-end and back-end

005

HTML



CSAG OFFICIAL SITE

http://csag.kmi.tl

REGISTER NOW!

USERNAME

PASSWORD

E-MAIL

SUBMIT

Hyper Text **Markup Language**
is a language to coding web

005

HTML

<tag>...</tag>

HTML is **Markup Language**

That use tag to control style and show it.
(Can't compute like Programming Language)

006

CODING & USING HTML

Can coding in any **text editor** (or web editor)
and using in any **web browser**.



- **Text Editor**



- **Web Editor**

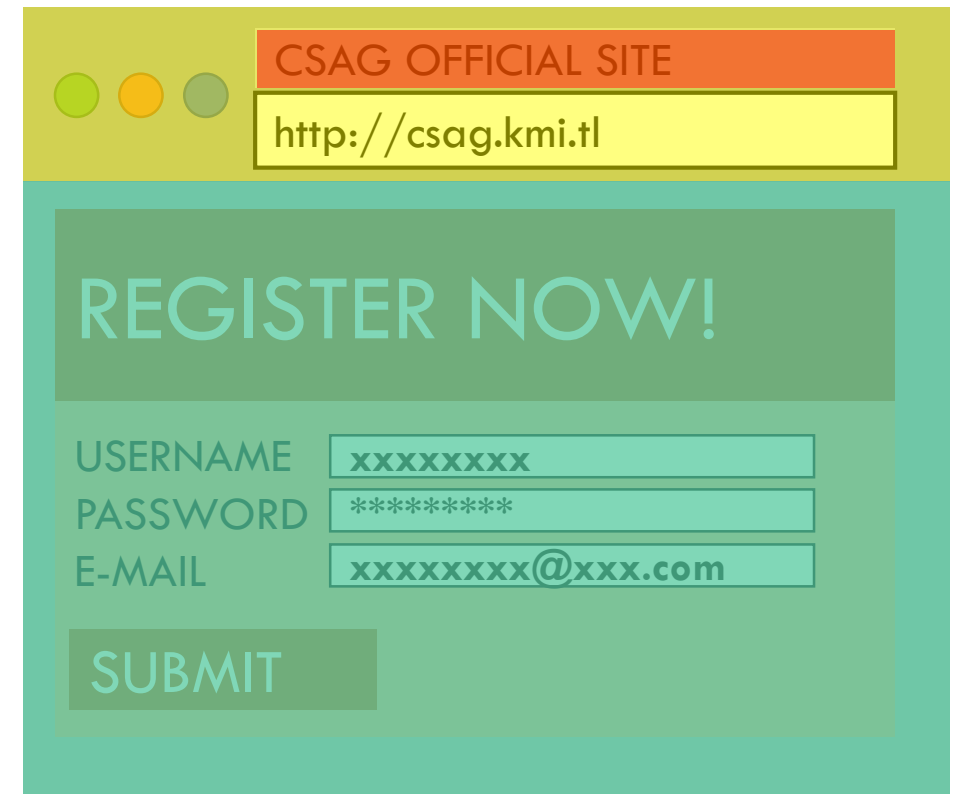


- **Web browser**

007

HTML STRUCTURE

```
<html>
<head>
</head>
<body>
</body>
</html>
```



HTML using tag to code! `<xxx>...</xxx>`

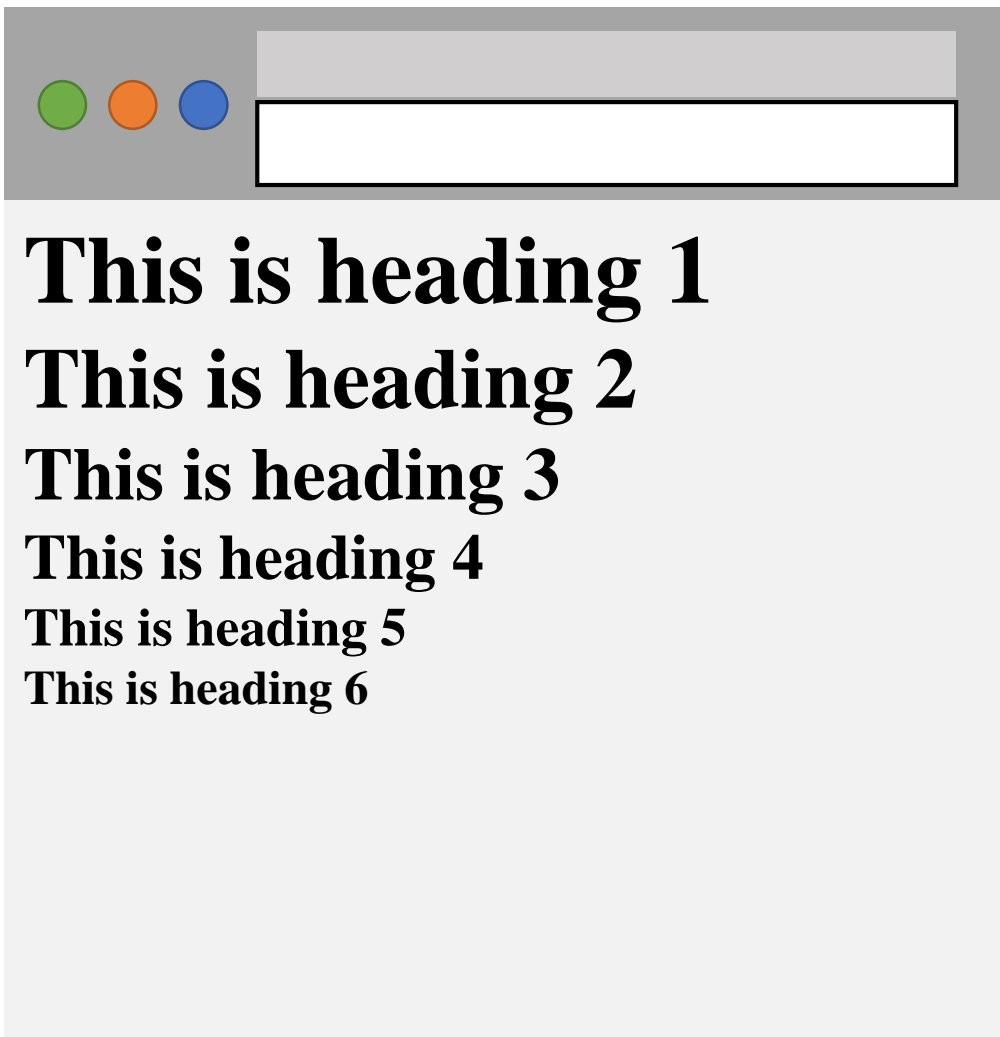
008

HTML BASIC OVERVIEW

- `<h1>, <h2>, ..., <h6>`
- `<p>, <pre>`
- `<a>`
- `<style=" ">`

009 HEADLINGS

```
<html>
  <body>
    <h1>This is heading 1</h1>
    <h2>This is heading 2</h2>
    <h3>This is heading 3</h3>
    <h4>This is heading 4</h4>
    <h5>This is heading 5</h5>
    <h6>This is heading 6</h6>
  </body>
</html>
```



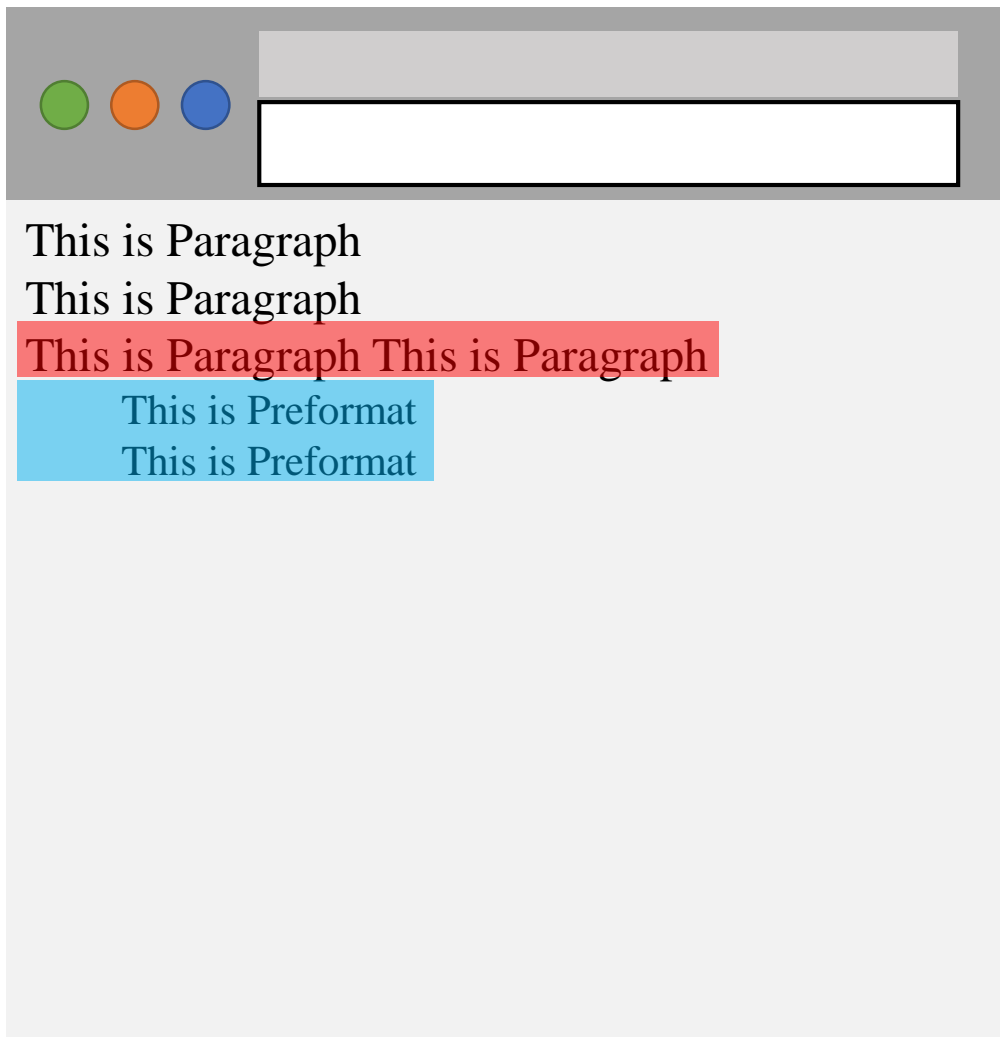
010

PARAGRAPH & PREFORMAT

```
<html>
<body>
  <p>This is Paragraph</p>
  <p>This is Paragraph</p>

  <p>This is Paragraph
    This is Paragraph</p>

  <pre>This is Preformat
    This is Preformat</pre>
</body>
</html>
```



011

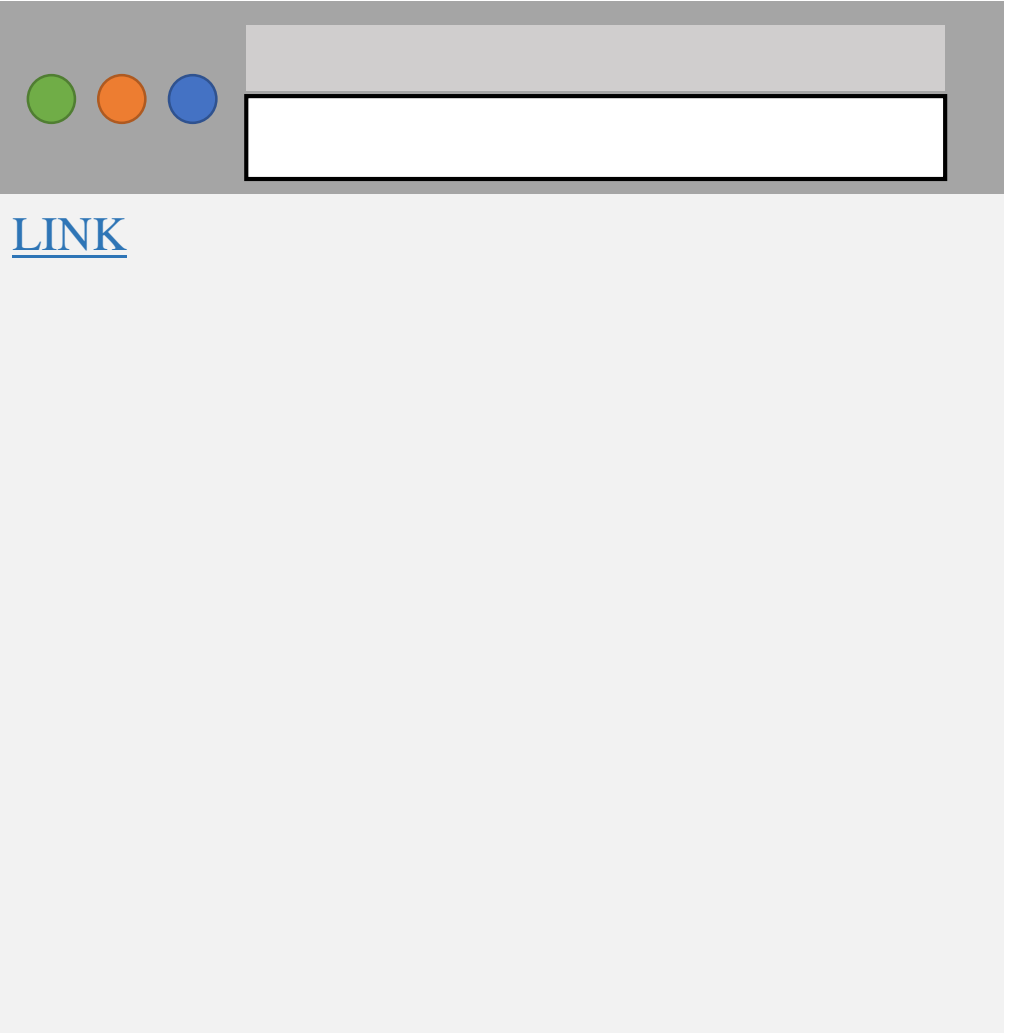
LINKS

```
<html>
<body>
  <a href="http://xx.xx">
    Link</a>
</body>
</html>
```

First of tag like **a** is tag

After tag like **href="xxx"** is
attributes to set value of tag

(href is hyperlink reference)



012

HTML STYLE

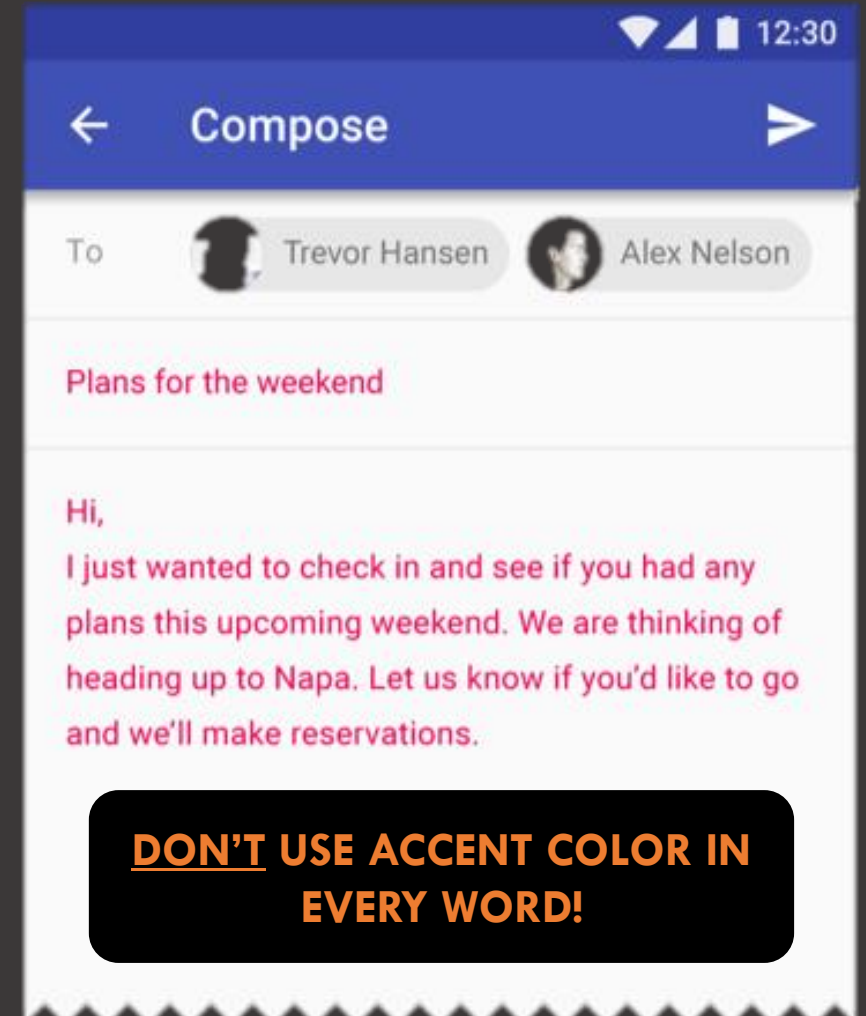
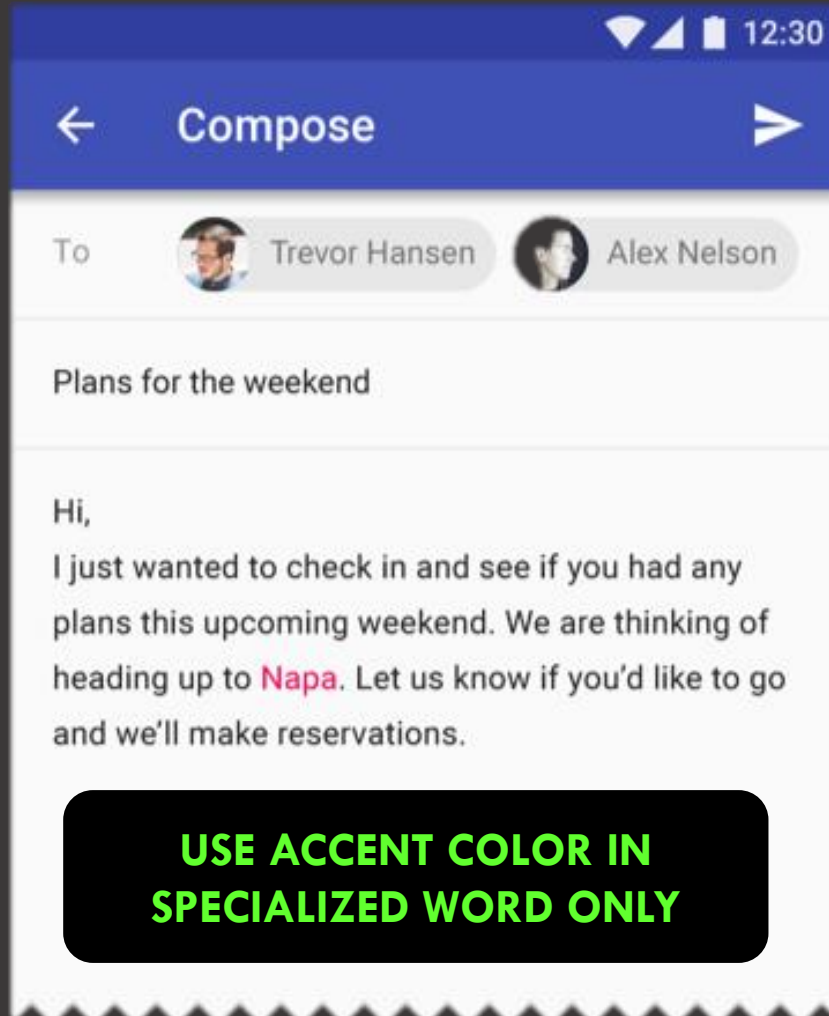
Make your style with style !!

```
<p style="property: value">
```

BG COLOR:	style="background-color: yellow"
FONT COLOR:	style="color: red"
FONT STYLE:	style="font-family: Arial"
FONT SIZE:	style="font-size: 40"
TEXT ALIGN:	style="align: left"

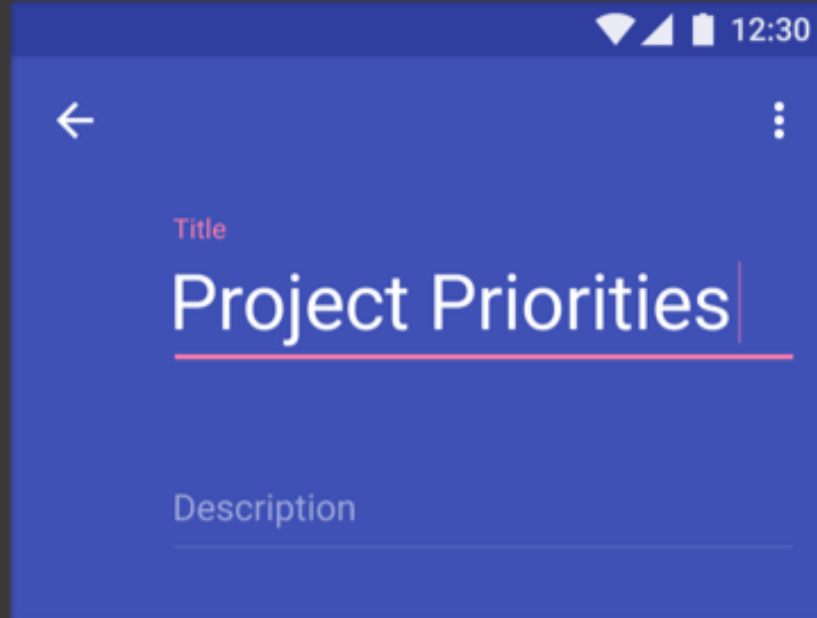
A.

USING COLOR

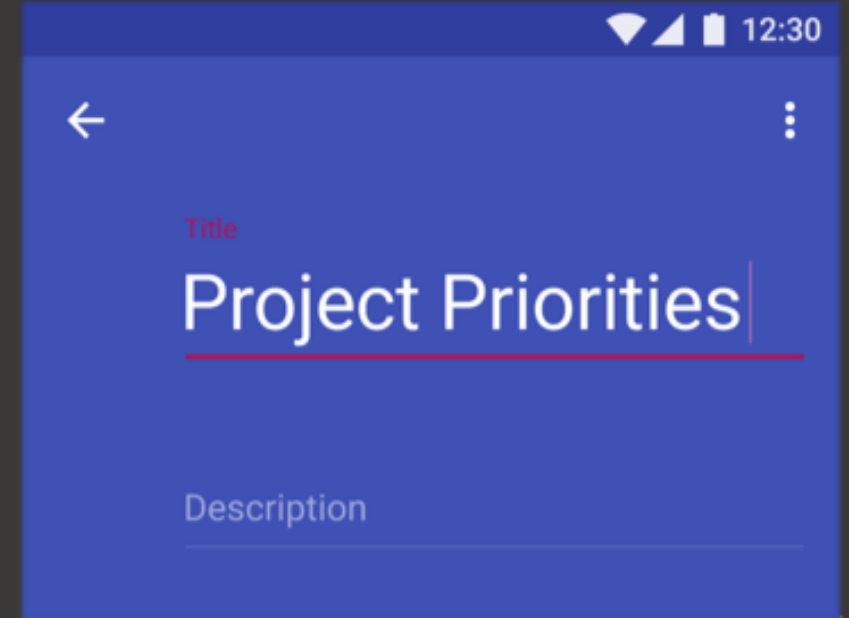


A.

USING COLOR



**USE ACCENT COLOR THAT IS
CONTRAST TO BACKGROUND**



**DON'T USE ACCENT COLOR
THAT ISN'T CONTRAST ENOUGH
(IT'S TOO DIFFCULTY TO READ)**

A.

USING COLOR



COLOR STYLE PALETTE

<https://material.google.com/style/color.html#color-color-palette>

Red		
500		#F44336
50		#FFEBEE
100		#FFCDD2
200		#EF9A9A
300		#E57373
400		#EF5350
500		#F44336
600		#E53935
700		#D32F2F
800		#C62828
900		#B71C1C

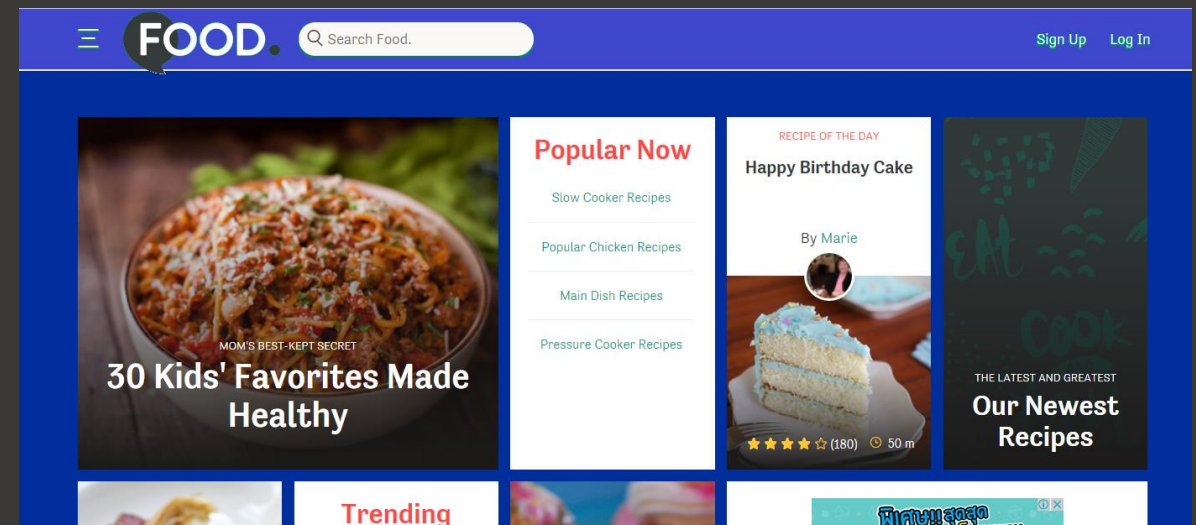
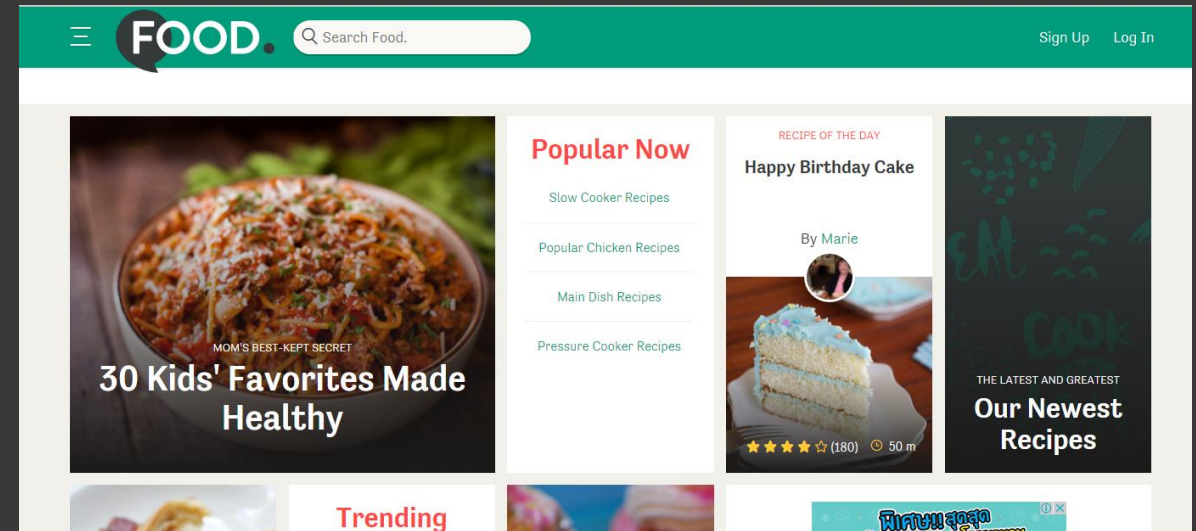
Pink		
500		#E91E63
50		#FCE4EC
100		#F8BBD0
200		#F48FB1
300		#F06292
400		#EC407A
500		#E91E63
600		#D81B60
700		#C2185B
800		#AD1457
900		#880E4F

Purple		
500		#9C27B0
50		#F3E5F5
100		#E1BEE7
200		#CE93D8
300		#BA68C8
400		#AB47BC
500		#9C27B0
600		#8E24AA
700		#7B1FA2
800		#6A1B9A
900		#4A148C

A. USING COLOR

**USING COLOR THAT
SUPPORT CONCEPT OF
WEBPAGE**

**DON'T USING COLOR THAT
OBSTRUCT OF WEBPAGE**



A. USING COLOR

Note : You can use any of these instead of human color.

```
font-color="red"
```

```
font-color="#FF0000"
```

```
font-color="rgb(255,0,0)"
```


B. USING FONT

Note : Font can show your main concept and purpose.

GREAT! Standard Style.

สำนักทะเบียนและประมวลผล

**OKAY... Little bit too
old.**

สำนักทะเบียนและประมวลผล

**OKAY for magician
school esp. Hoggwatt...**

สำนักทะเบียนและประมวลผล

B.

USING FONT

Font in several
purpose.



013

OTHER STYLE

```
<html>
<body>
  <p><b>BOLD</b></p>
  <p><i>Italic</i></p>
  <p><small>Small</small></p>
  <p><mark>Highlight</mark></p>
  <p><del>Delete</del></p>
  <p><ins>Underline</ins></p>
  <p><sub>Subscript</sub></p>
  <p><sup>Superscript</sup></p>
</body>
</html>
```



Bold

Italic

Small

Highlight

~~Delete~~

Underline

_{Subscript}

014

HTML5

HTML



HTML5 is the latest version of HTML Language
Hot Feature : CAN USE VIDEO AND AUDIO INSTANTLY!

015

NEW FEATURE IN HTML5

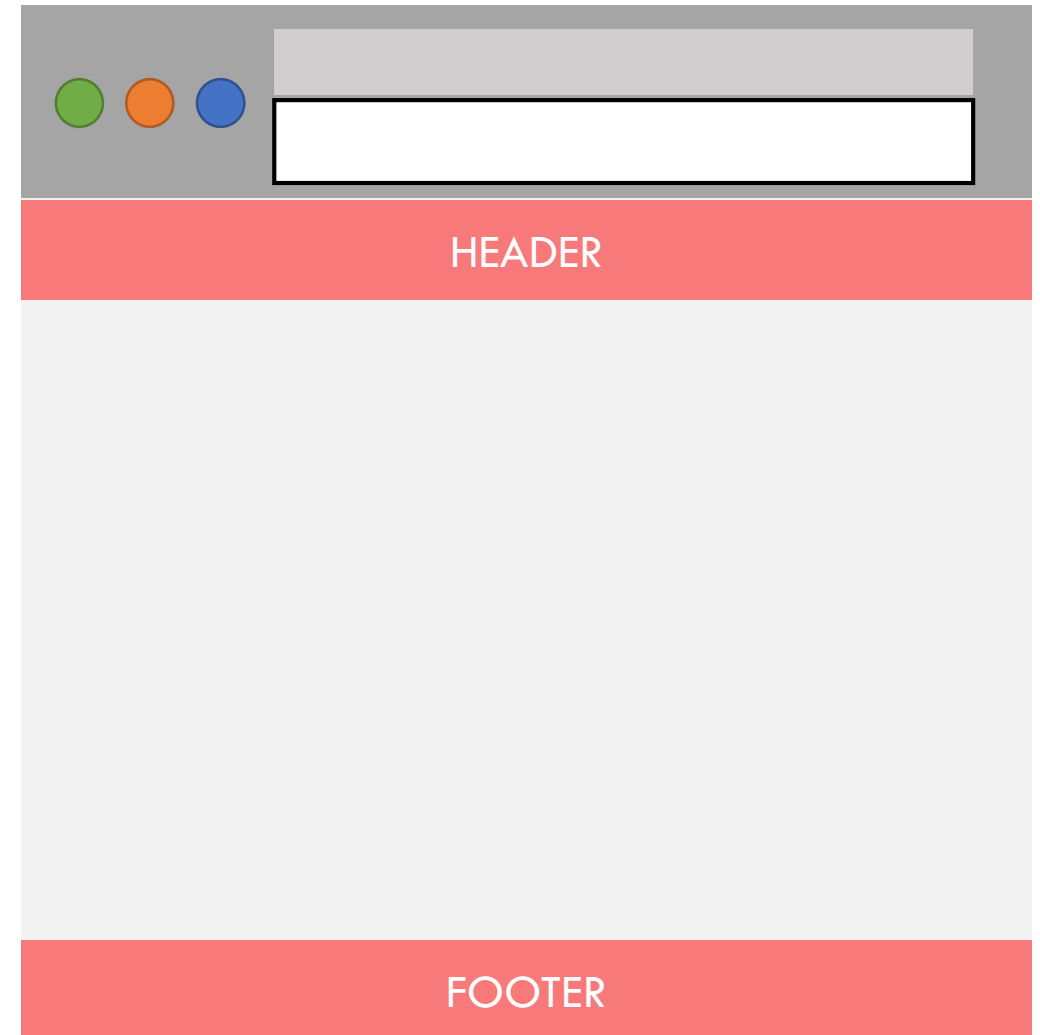
New **semantic elements**

Like...

`<header>` : Defines a header for the document or a section

`<footer>` : Defines a footer for the document or a section

And more...



015

NEW FEATURE IN HTML5

New **input** type.

New Input Types	New Input Attributes
<ul style="list-style-type: none">• color• date• datetime• datetime-local• email• month• number• range• search• tel• time• url• week	<ul style="list-style-type: none">• autocomplete• autofocus• form• formaction• formenctype• formmethod• formnovalidate• formtarget• height and width• list• min and max• multiple• pattern (regexp)• placeholder• required• step

015

NEW FEATURE IN HTML5

New **graphics and media**.

Tag	Description
<canvas>	Draw graphics, on the fly, via scripting (usually JavaScript)
<svg>	Draw scalable vector graphics

Tag	Description
<audio>	Defines sound content
<embed>	Defines containers for external applications (like plug-ins)
<source>	Defines sources for <video> and <audio>
<track>	Defines tracks for <video> and <audio>
<video>	Defines video or movie content

Stage 1

Make your basic information.

With your style



Vason Maitree

18 years old.

Studies in Computer Programming, KMITL.

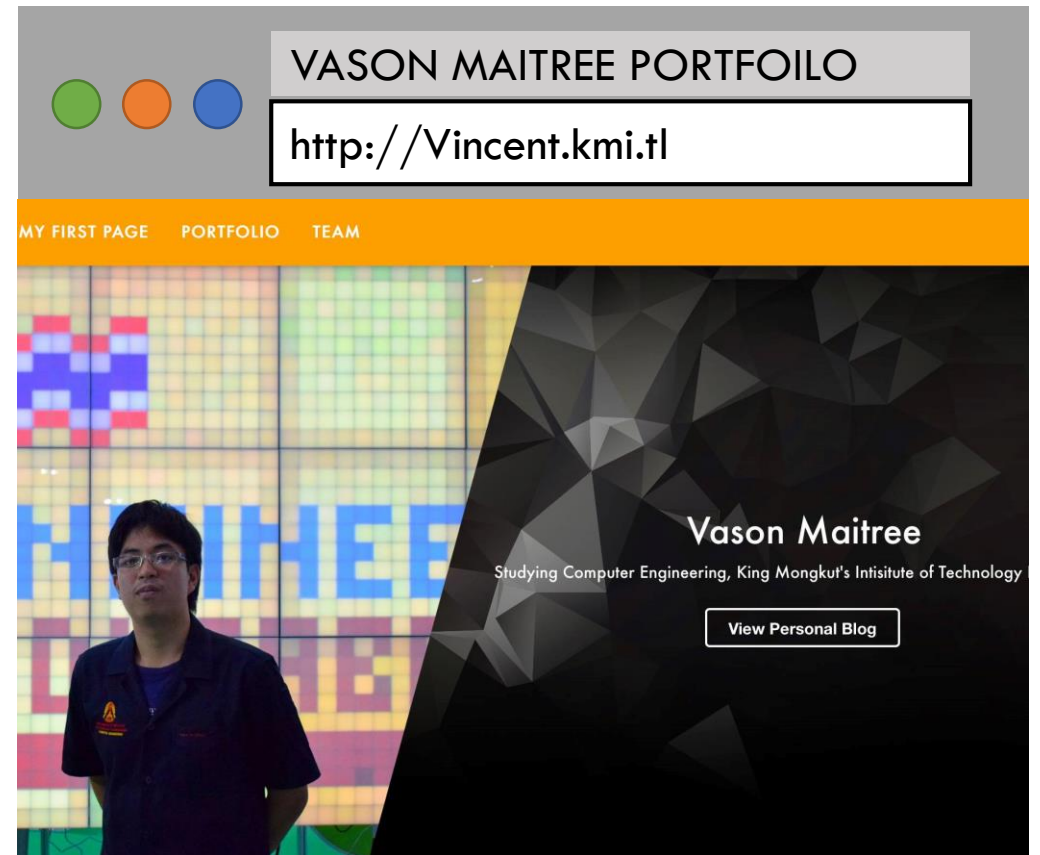
Interestd in System and Administrator.

Template

016

FRONT-END FRAMEWORK

Because only HTML can't make the good designing website like this...



017

FRONT-END FRAMEWORK

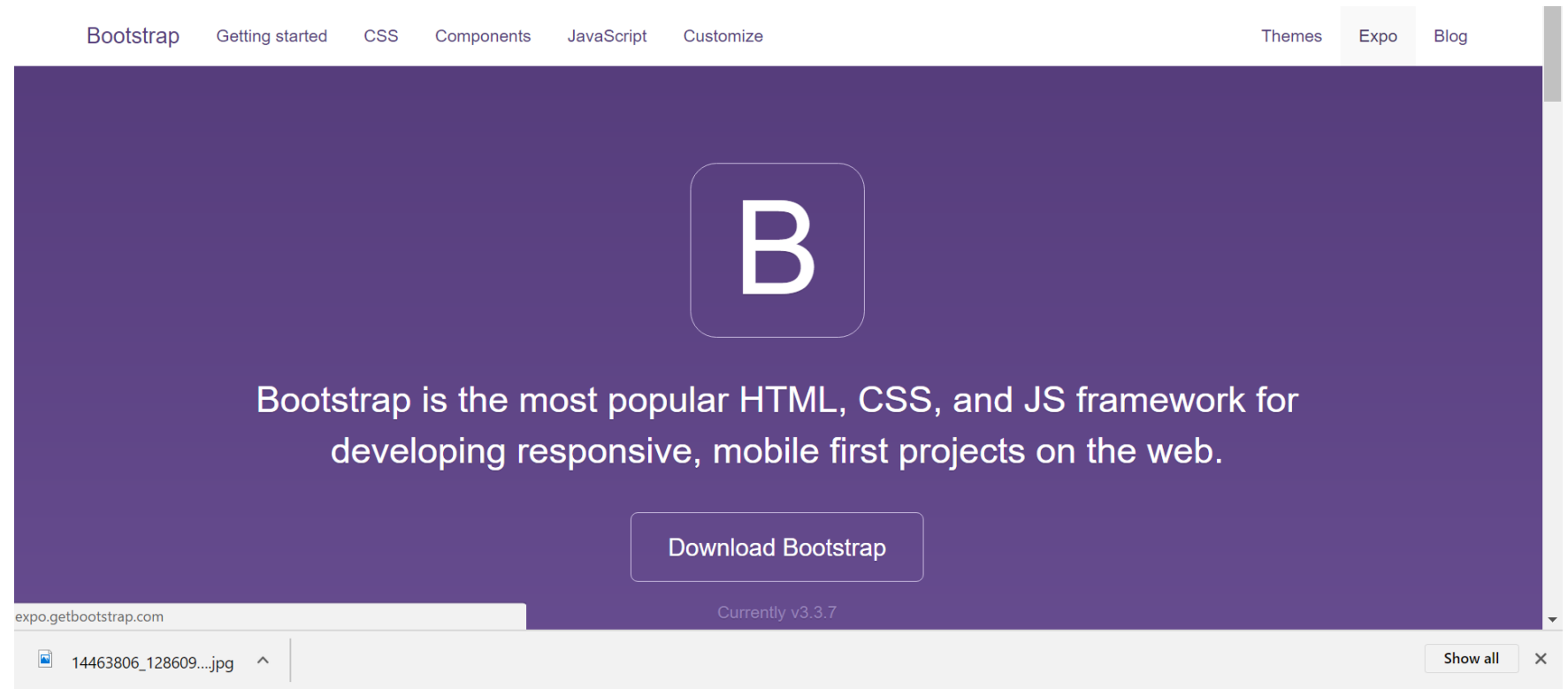


Front-End Framework will be a great helper to make good designing webpage

018

BOOTSTRAP

Bootstrap is one of popular front-end framework.



For more information : <http://getbootstrap.com>

DOWNLOAD BOOTSTRAP

Bootstrap

Compiled and minified CSS, JavaScript, and fonts. No docs or original source files are included.

Download Bootstrap

Bootstrap CDN

The folks over at [MaxCDN](#) graciously provide CDN support for Bootstrap's CSS and JavaScript. Just use these [Bootstrap CDN](#) links.

```
<!-- Latest compiled and minified CSS -->
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css"
integrity="sha384-BVYiISIFeK1dGmJRAKycuHAHRg320mUcww7on3RYdg4Va+PmSTsz/K68vbdEjh4u" crossorigin="anonymous">

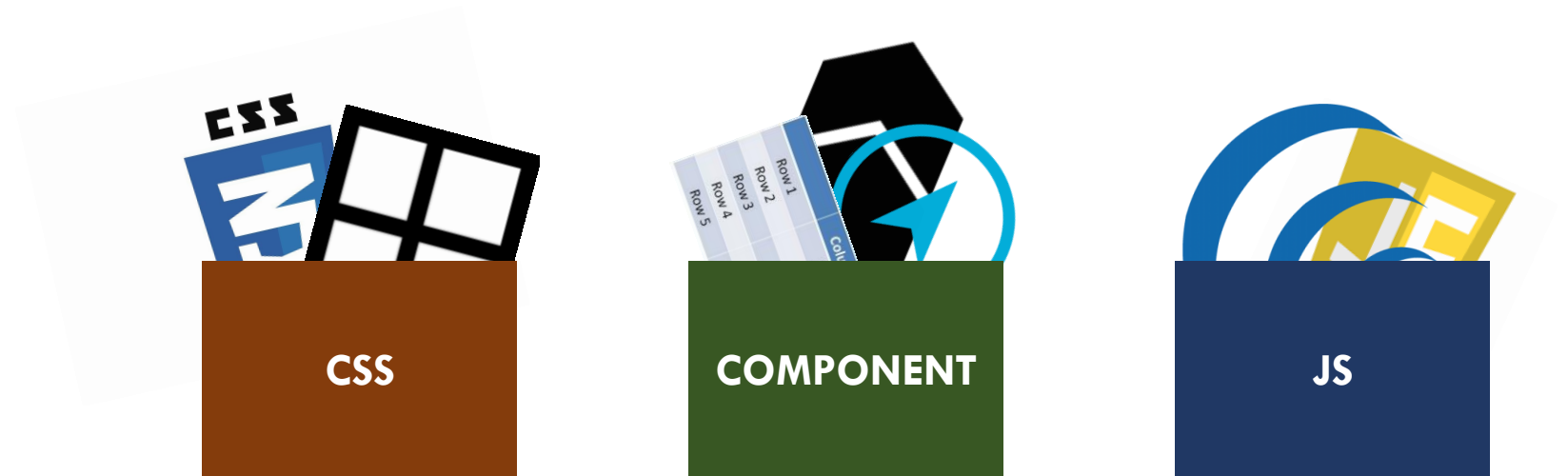
<!-- Optional theme -->
<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap-theme.min.css"
integrity="sha384-rHyON1iRsVXV4nD0JutlnGaslCJuC7uwjduW9SVrLvRYooPp2bWYgmgJQIXw1/Sp" crossorigin="anonymous">

<!-- Latest compiled and minified JavaScript -->
<script src="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/js/bootstrap.min.js" integrity="sha384-
Tc5IQib027qvyjSMFhJOMaLkfuWVxZxUPnCJA712mCWNIPg9mGCD8wGNIcPD7Txa" crossorigin="anonymous"></script>
```

Copy

020

WHAT BOOTSTRAP GIVING US?



CSS – is a style sheet language used for describing the presentation of a document also have grid system to design easier

COMPONENT – CSS Stylesheet that you used frequently. (e.g. Draw a table, Set navigation, Make button)

JS – Additional Plugin for animation e.g. modal and tooltip

021

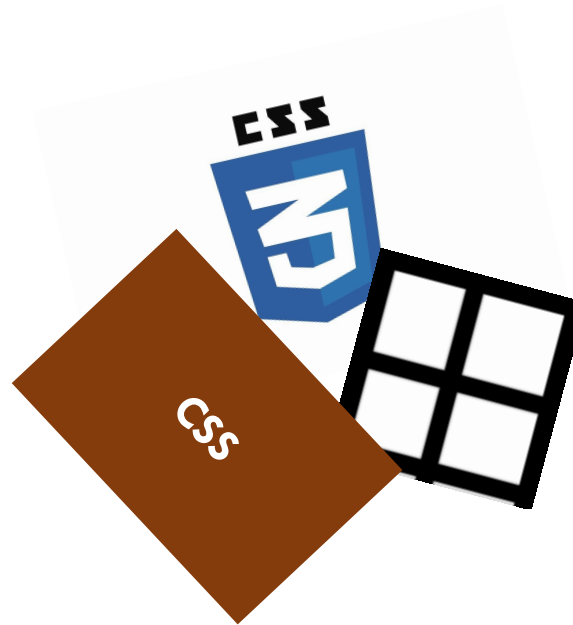
WHAT BOOTSTRAP GIVING US?



WOW! I think is will be great!

022

CSS



CSS or Cascade Style Sheet is Language to your
webpage

023

IMPORT CSS FILE TO HTML

```
<html>

<head>
<title> </title>
<link rel="stylesheet" type="text/css" href="css/bootstrap.css">
</head>

<body>...</body>
</html>
```



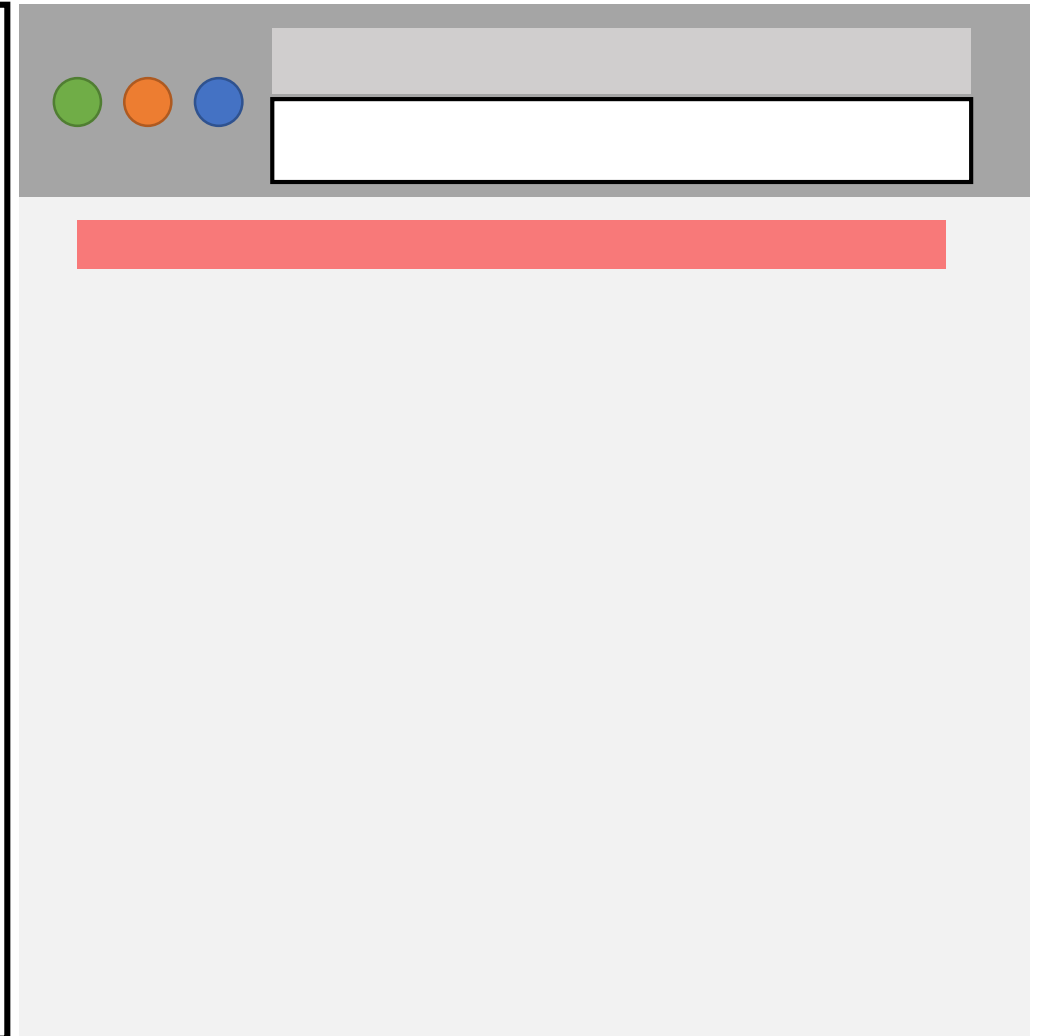
Type of Stylesheet (CSS)

Source of this css file
(Extension is *.css)

Example: “bootstrap.css” is also in Bootstrap too.

025 MAKING CONTAINER

```
<html>  
  <div class=container>  
  </div>  
</html>
```



C.

WHAT CONTAINER HELP US?

Without Container

Calculus (from [Latin](#) *calculus*, literally "small pebble used for counting")^[1] is the [mathematical](#) study of change, in the same way that [geometry](#) is the study of shape and [algebra](#) is the study of operations and their application to solving equations. It has two major branches, [differential calculus](#) (concerning rates of change and slopes of curves),^[2] and [integral calculus](#) (concerning accumulation of quantities and the areas under and between curves);^[3] these two branches are related to each other by the [fundamental theorem of calculus](#). Both branches make use of the fundamental notions of [convergence](#) of [infinite sequences](#) and [infinite series](#) to a well-defined [limit](#). Generally, modern calculus is considered to have been developed in the 17th century by [Isaac Newton](#) and [Gottfried Leibniz](#). Today, calculus has widespread uses in [science](#), [engineering](#) and [economics](#)^[4] and can solve many problems that [elementary algebra](#) alone cannot.

Calculus is a part of modern [mathematics education](#). A course in calculus is a gateway to other, more advanced courses in mathematics devoted to the study of [functions](#) and limits, broadly called [mathematical analysis](#). Calculus has historically been called "the calculus of [infinitesimals](#)", or "infinitesimal calculus". *Calculus* (plural *calculi*) is also used for naming some methods of calculation or theories of computation, such as [propositional calculus](#), [calculus of variations](#), [lambda calculus](#), and [process calculus](#).

C.

WHAT CONTAINER HELP US?

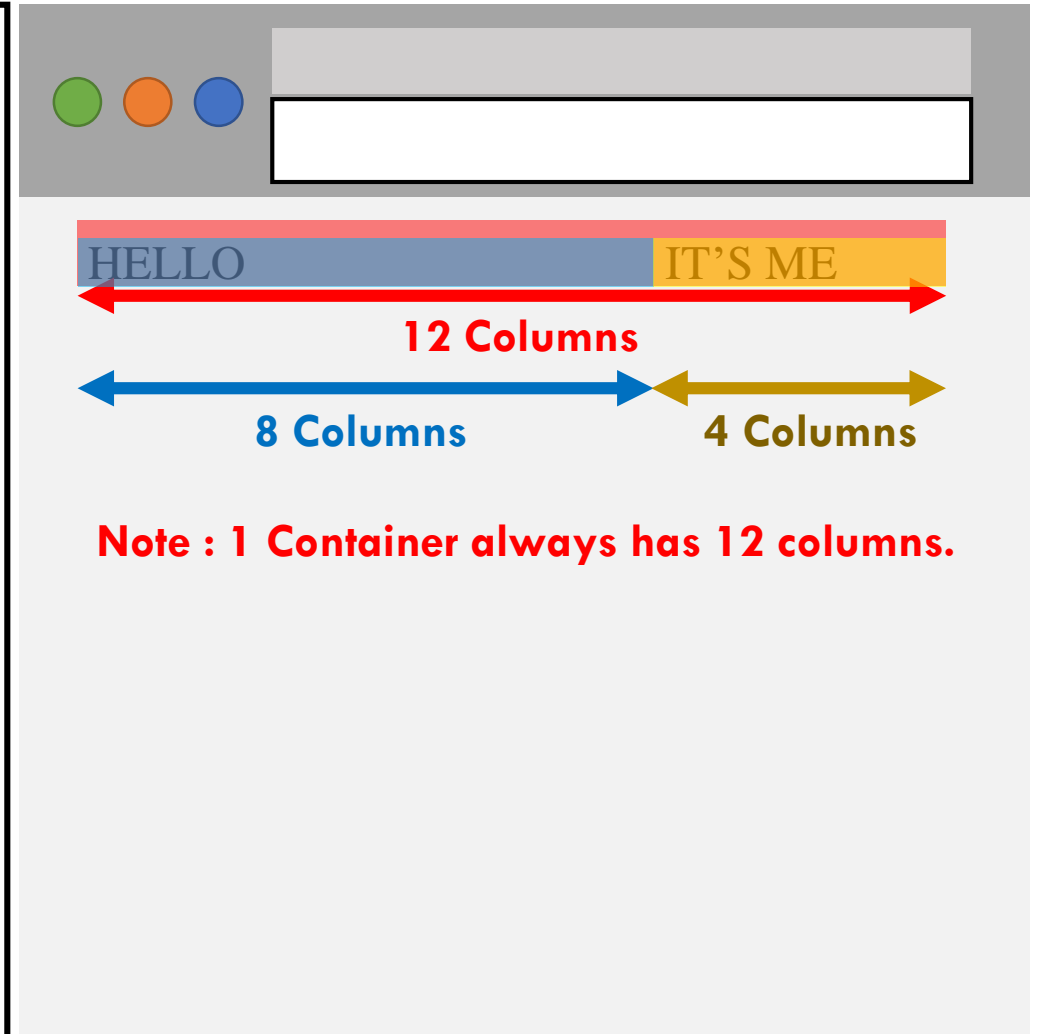
With Container

The most people will focus at the middle of screen so it's easy to contain your content.

Calculus (from [Latin](#) *calculus*, literally "small pebble used for counting")^[1] is the [mathematical](#) study of change, in the same way that [geometry](#) is the study of shape and [algebra](#) is the study of operations and their application to solving equations. It has two major branches, [differential calculus](#) (concerning rates of change and slopes of curves),^[2] and [integral calculus](#) (concerning accumulation of quantities and the areas under and between curves);^[3] these two branches are related to each other by the [fundamental theorem of calculus](#). Both branches make use of the fundamental notions of [convergence](#) of [infinite sequences](#) and [infinite series](#) to a well-defined [limit](#). Generally, modern calculus is considered to have been developed in the 17th century by [Isaac Newton](#) and [Gottfried Leibniz](#). Today, calculus has widespread uses in [science](#), [engineering](#) and [economics](#)^[4] and can solve many problems that [elementary algebra](#) alone cannot. Calculus is a part of modern [mathematics education](#). A course in calculus is a gateway to other, more advanced courses in mathematics devoted to the study of [functions](#) and limits, broadly called [mathematical analysis](#). Calculus has historically been called "the calculus of [infinitesimals](#)", or "infinitesimal calculus". *Calculus* (plural *calculi*) is also used for naming some methods of calculation or theories of computation, such as [propositional calculus](#), [calculus of variations](#), [lambda calculus](#), and [process calculus](#).

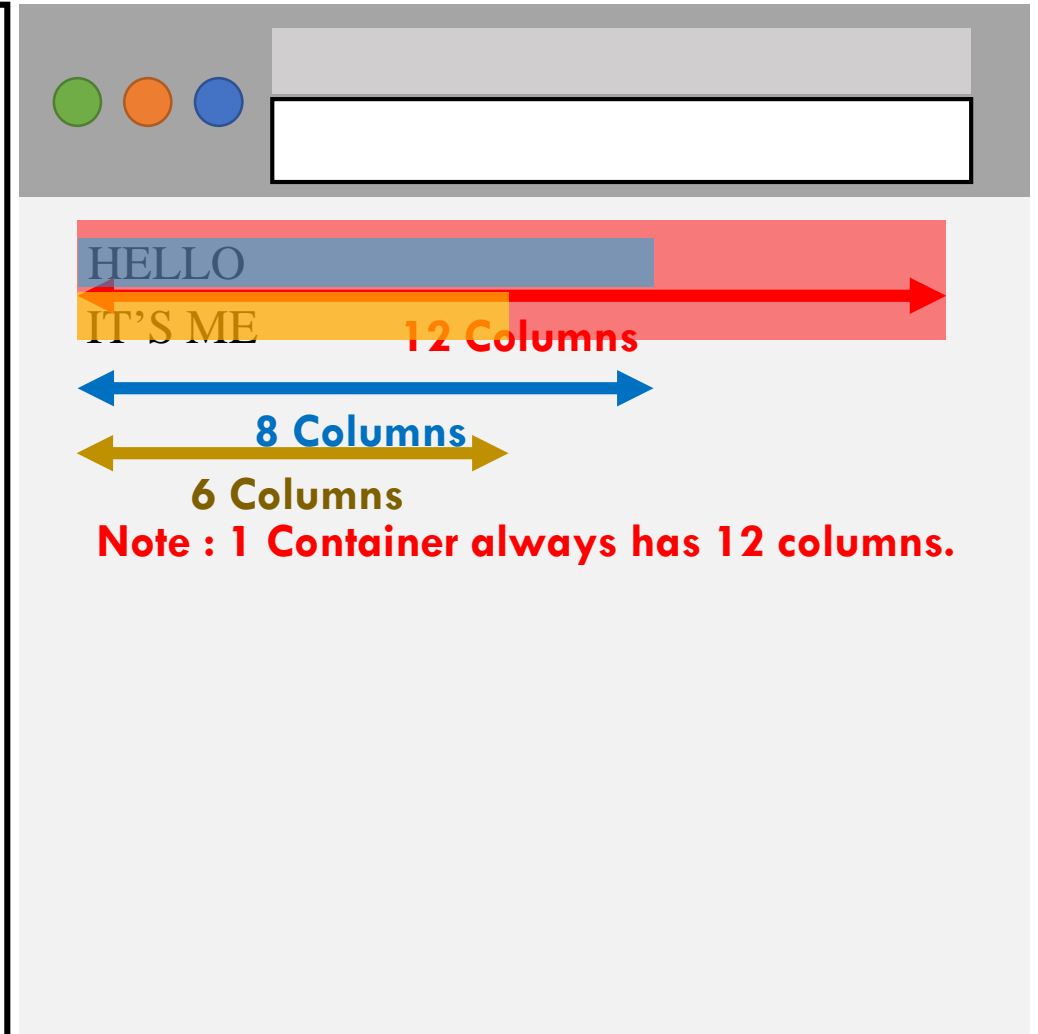
026 COLUMN

```
<html>
  <div class="container">
    <div class="col-md-8">
      HELLO
    </div>
    <div class="col-md-4">
      IT'S ME
    </div>
  </div>
</html>
```



026 COLUMN

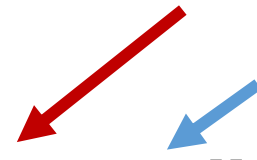
```
<html>
  <div class="container">
    <div class="col-md-8">
      HELLO
    </div>
    <div class="col-md-6">
      IT'S ME
    </div>
  </div>
</html>
```



027

RESPONSIVE SIZE

Responsive Screen Size
No. of Column



```
<class="col-xx-y">
```

col-xs – Extra Small (like Feature Phone)

col-sm – Small (like Smartphone)

col-md – Medium (like Tablet)

col-lg – Large (like Laptop Monitor)

col-xl – Extra Large (like 4k Monitor, TV)

D. RESPONSIVE DESIGN WEB

Responsive Design

Note: You can assign column depending on multiple device

```
<html>
  <div class="container">
    <div class="col-md-6
col-lg-4 col-sm-12">

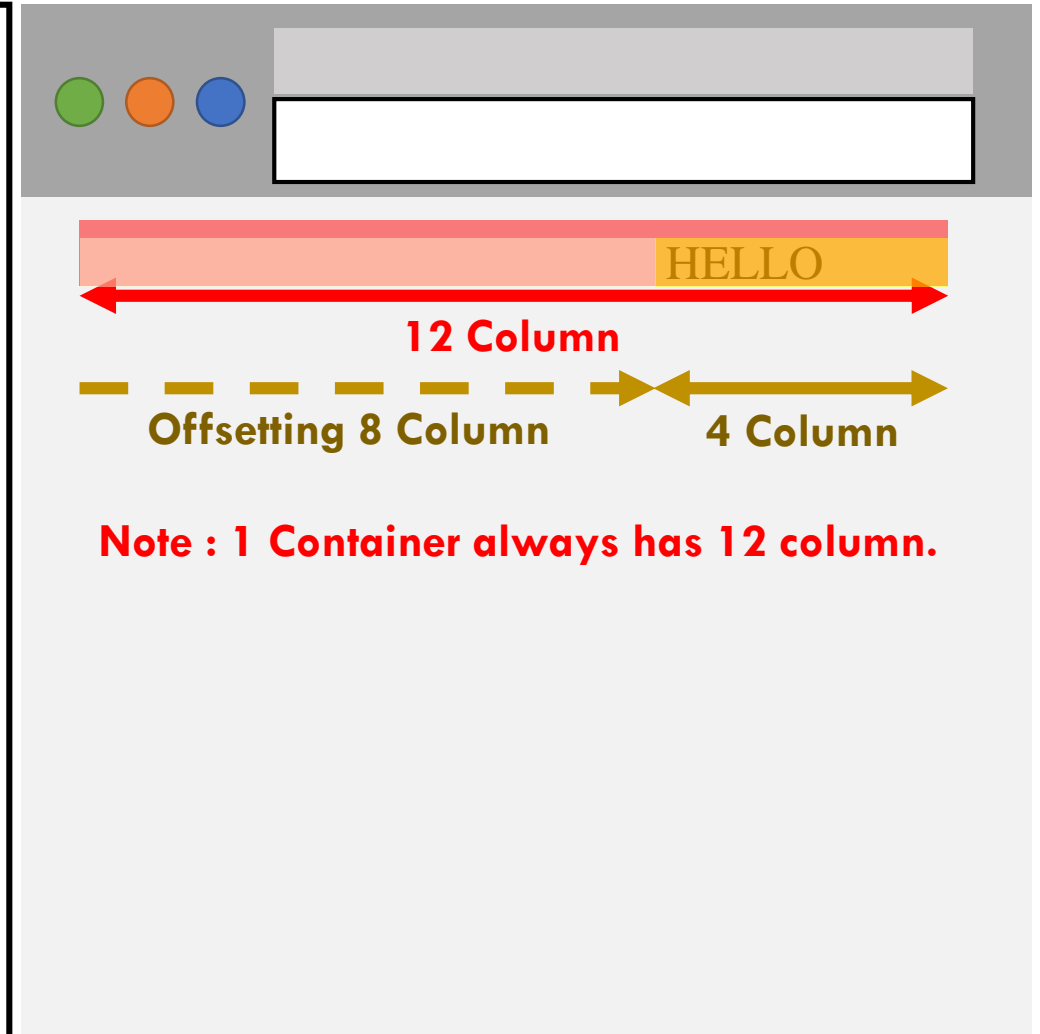
      </div>
    </html>
```



028

COLUMN: OFFSETTING

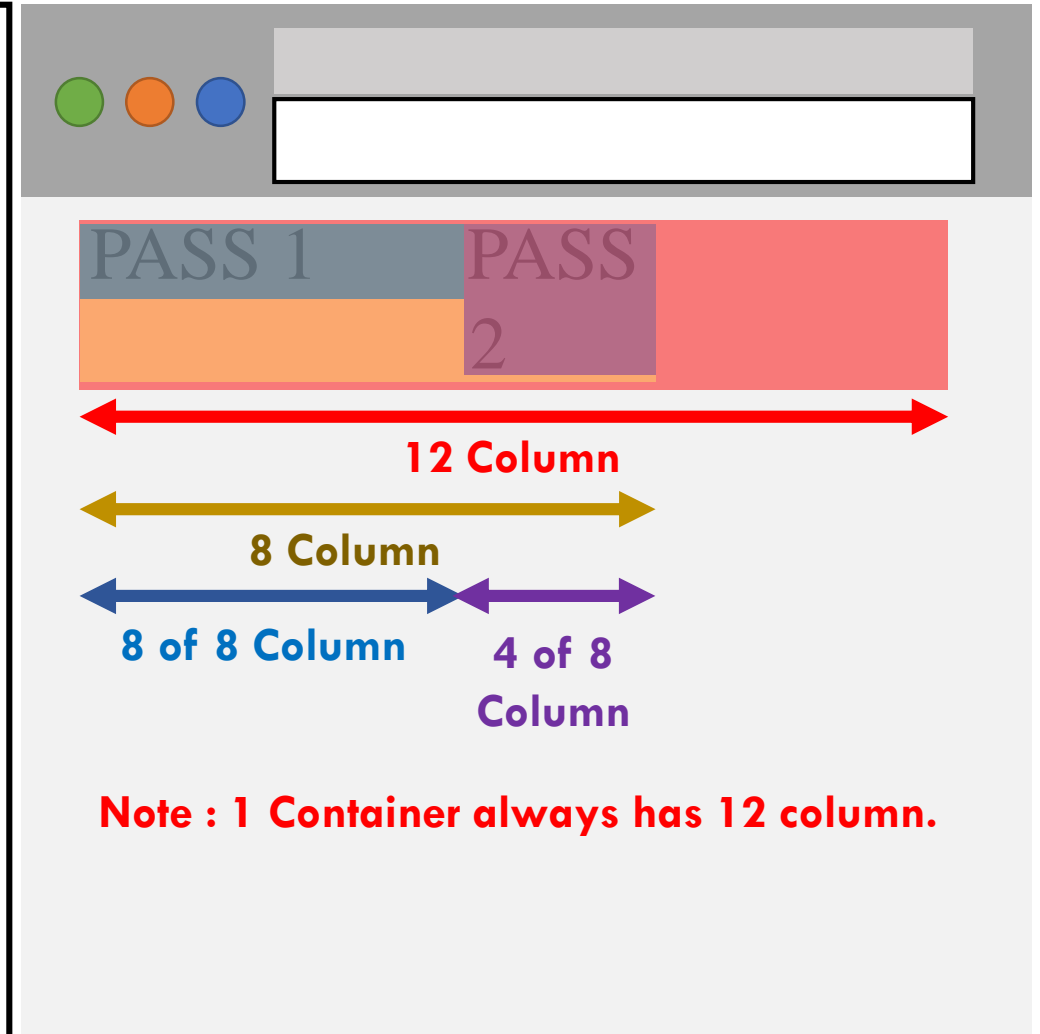
```
<html>
  <div class="container">
    <div class="col-md-offset-8
      col-md-4">
      HELLO
    </div>
  </div>
</html>
```



029

COLUMN: NESTING

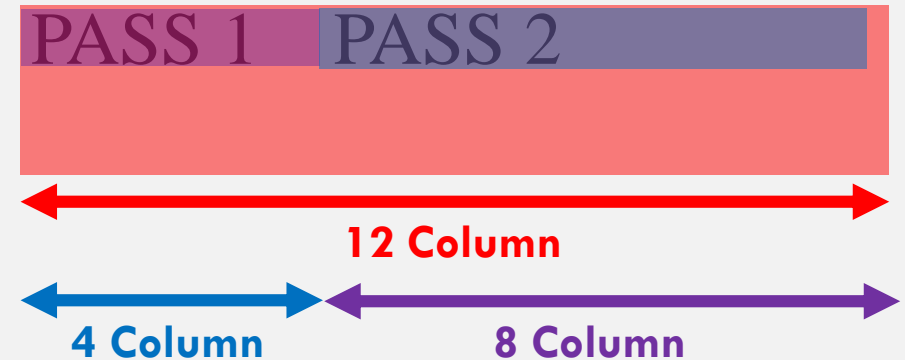
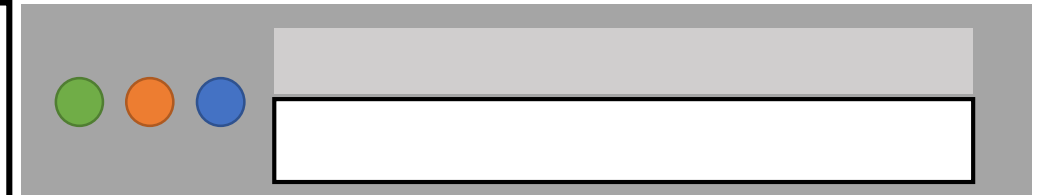
```
<html>
  <div class="container">
    <div class="col-md-8">
      <div class="col-md-8">
        PASS 1
      </div>
      <div class="col-md-4">
        PASS 2
      </div>
    </div>
  </div>
</html>
```



030

COLUMN: ORDERING

```
<html>
  <div class="container">
    <div class="col-md-8 col-
md-push-4">
      PASS 1
    </div>
    <div class="col-md-4 col-
md-pull-8">
      PASS 2
    </div>
  </html>
```



**Note : 1 Container always has 12 column.
Push is backward.
Pull is forward.**

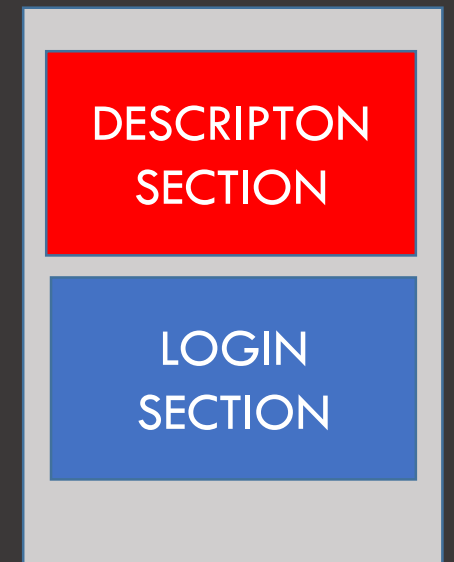
E. ORDERING COLUMN

IN COMPUTER, LOGIN SECTION IN RIGHT-HAND IS GOOD!

```
<html>
  <div class="container">
    <div class="col-md-8 col-sm-12">
      Description Blah Blah Blah...
    </div>
    <div class="col-md-4 col-sm-12">
      Login Here
    </div>
  </div>
</html>
```



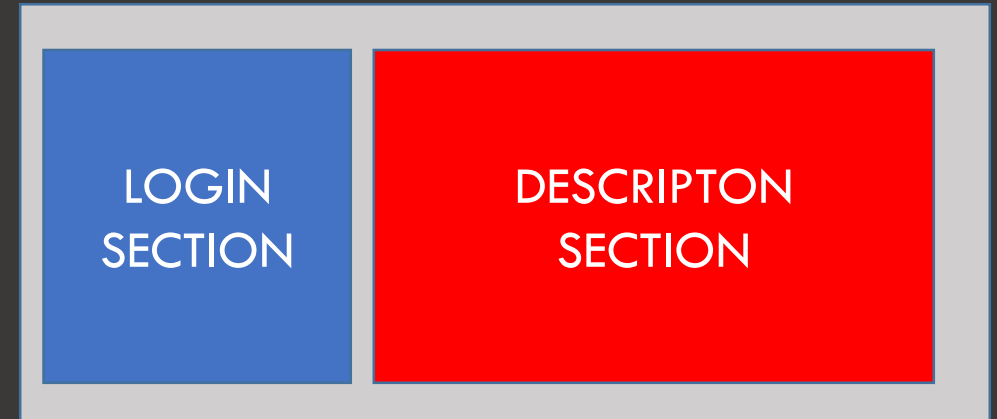
BUT IN SMARTPHONE
I THINK IT SHOULD BE ON
TOP...



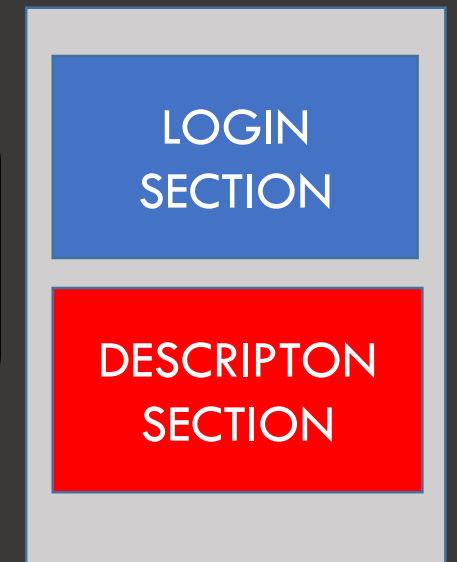
E. ORDERING COLUMN

```
<html>
  <div class="container">
    <div class="col-md-4 col-sm-12">
      Login Here
    </div>
    <div class="col-md-8 col-sm-12">
      Description Blah Blah Blah...
    </div>
  </div>
</html>
```

BUT IN COMPUTER, LOGIN SECTION SHOULD IN RIGHT-HAND...



**IT'S BEST WHEN YOU CAN
LOGIN WITHOUT SCROLL
TO BOTTOM IN
SMARTPHONE!**

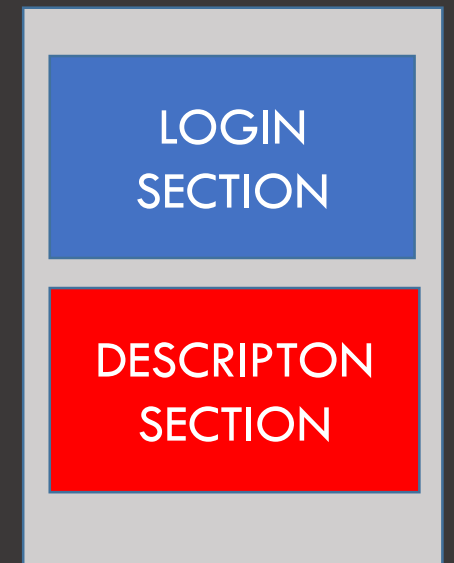


E. ORDERING COLUMN

```
<html>
  <div class="container">
    <div class="col-md-8 col-md-push-4
col-sm-12">
      Description Blah Blah Blah...
    </div>
    <div class="col-md-4 col-md-pull-8
col-sm-12">
      Login Here
    </div>
  </html>
```



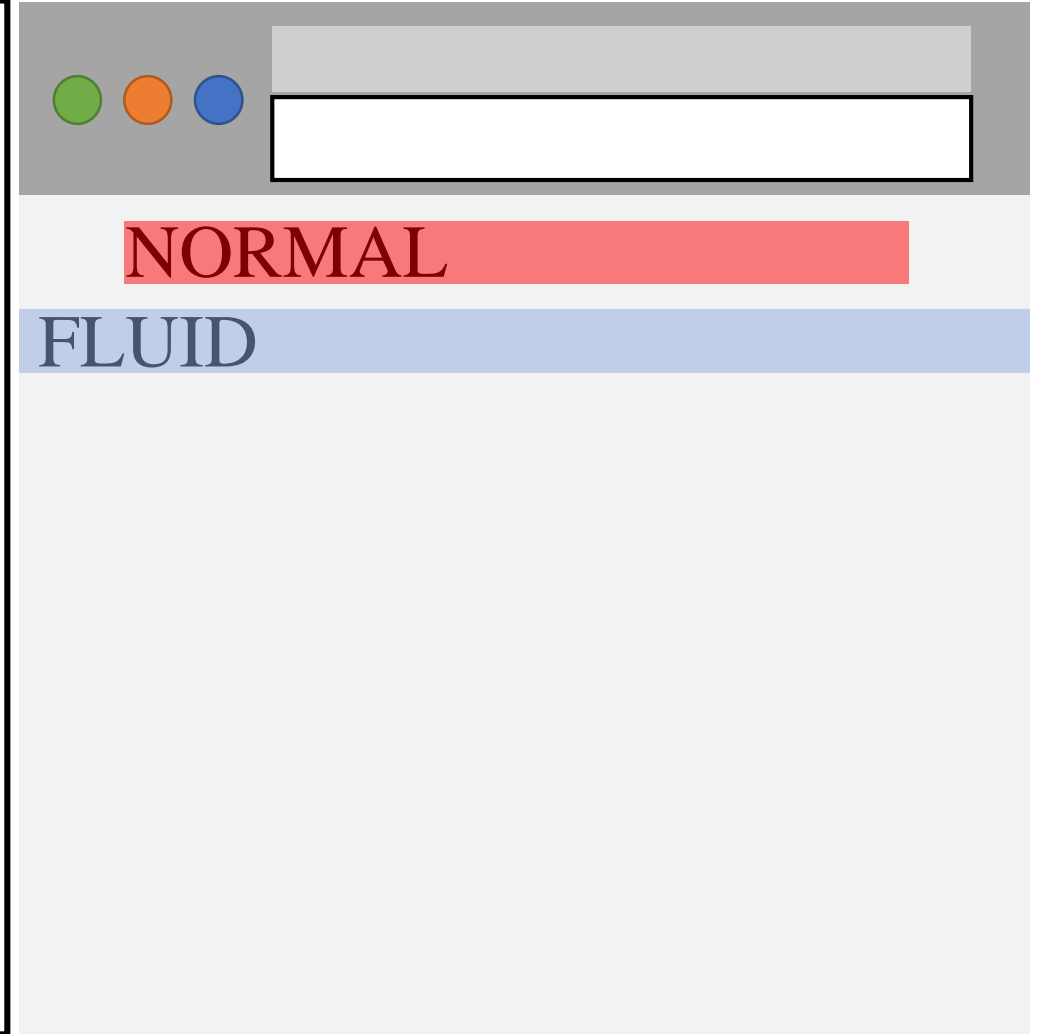
**IT'S BEST
BOTH SMARTPHONE AND
COMPUTER!**



031

FLUID CONTAINER

```
<html>
  <div class="container">
    NORMAL
  </div>
  <div class="container-fluid">
    FLUID
  </div>
</html>
```



032 TABLE

```
<table class="table">
```

```
<thead>
```

```
<tr>
```

```
<th>Name</th>
```

```
<th>Username</th>
```

```
</tr>
```

```
</thead>
```

```
<tbody>
```

```
<tr>
```

```
<td>hahaha</td>
```

```
<td>@555</td>
```

```
</tr>
```

```
<tr>
```

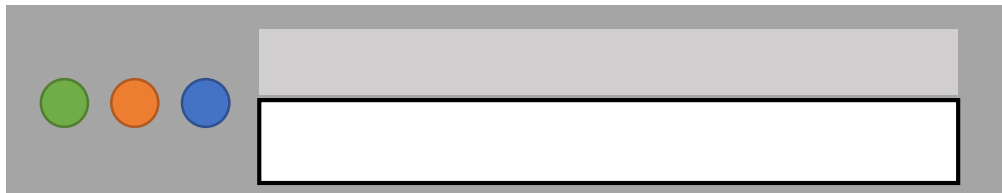
```
<td>hokhokhok</td>
```

```
<td>@666</td>
```

```
</tr>
```

```
</tbody>
```

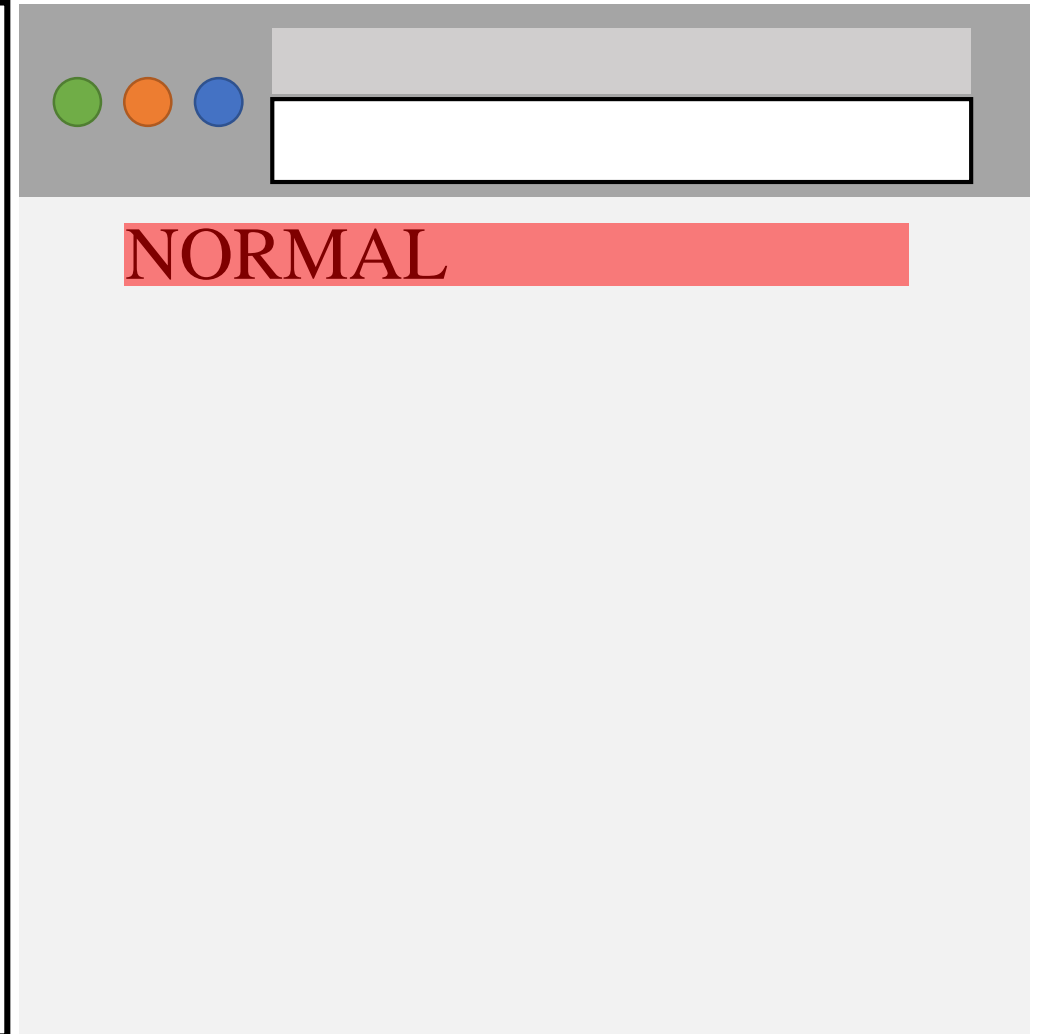
```
</table>
```



Name	Username
hahaha	@555
hokhokhok	@666

033 MAKE CONTAINER ID

```
<html>  
  <div class="container"  
    id="id_1">  
    NORMAL  
  </div>  
</html>
```



034

FORM

```
1 <form>
2 <div class="form-group">
3   <label for="InputEmail">Email address</label>
4   <input type="email" class="form-control" id="InputEmail" placeholder="Email">
5 </div>
6 <div class="form-group">
7   <label for="InputPassword">Password</label>
8   <input type="password" class="form-control" id="InputPassword" placeholder="Password">
9 </div>
10 <div class="form-group">
11   <label for="InputFile">File Input</label>
12   <input type="file" id="InputFile">
13 </div>
14 <div class="checkbox">
15   <label>
16     <input type="checkbox"> Check me out
    </label>
  </div>
  <button type="submit" class="btn btn-default">Submit</button>
</form>
```

034 FORM

Email address

Password

File input

 ไม่ได้เลือกไฟล์ใด

Example block-level help text here.

☐ Check me out

035

CREATE YOUR OWN CSS

```
<html>

<head>
<title> </title>
<link rel="stylesheet" type="text/css" href="css/bootstrap.css">
<style type="text/css">
  // Create your Custom CSS here.
</style>
</head>

<body>...</body>
</html>
```

You can write your own custom CSS in your webpage too.
(Or you can make your *.css file and imported like bootstrap.)

036 BASIC CSS

Use in
Tag <body>

```
body{  
    background: url('img/wallpaper.png');  
    margin-left: 20px;  
}
```

Use in
Every parts.

```
*{  
    font-family: 'Arial';  
    src: url('font/arial');  
}
```

Use in
col-md-3
classes only.

```
.col-md-3{  
    padding-left: 10vw;  
    padding-up: 10vh;  
}
```

Use in any tag that
have **ID** name
id_1. (Not
Recommend)

```
#id_1{  
    background-color: white;  
    color: white;  
}
```

You can design
any parts in
Your webpage
Similar to
HTML Style

037

CSS3



HOT FEATURE !!

- CSS3 Animations
- CSS3 Transitions & Transformation

038

NEW FEATURE IN CSS3

Gradient Color Background.

```
#grad {  
    background: linear-gradient(red, yellow); /* Standard syntax */  
}
```

038

NEW FEATURE IN CSS3

CSS3 Animations

```
div {  
  width: 100px;  
  height: 100px;  
  background-color: red;  
  animation-name: example;  
  animation-duration: 4s;  
}
```

```
@keyframes example {  
  0%   {background-color: red;}  
  25%  {background-color: yellow;}  
  50%  {background-color: blue;}  
  100% {background-color: green;}  
}
```


Stage 2

Content your basic information.



Vason Maitree

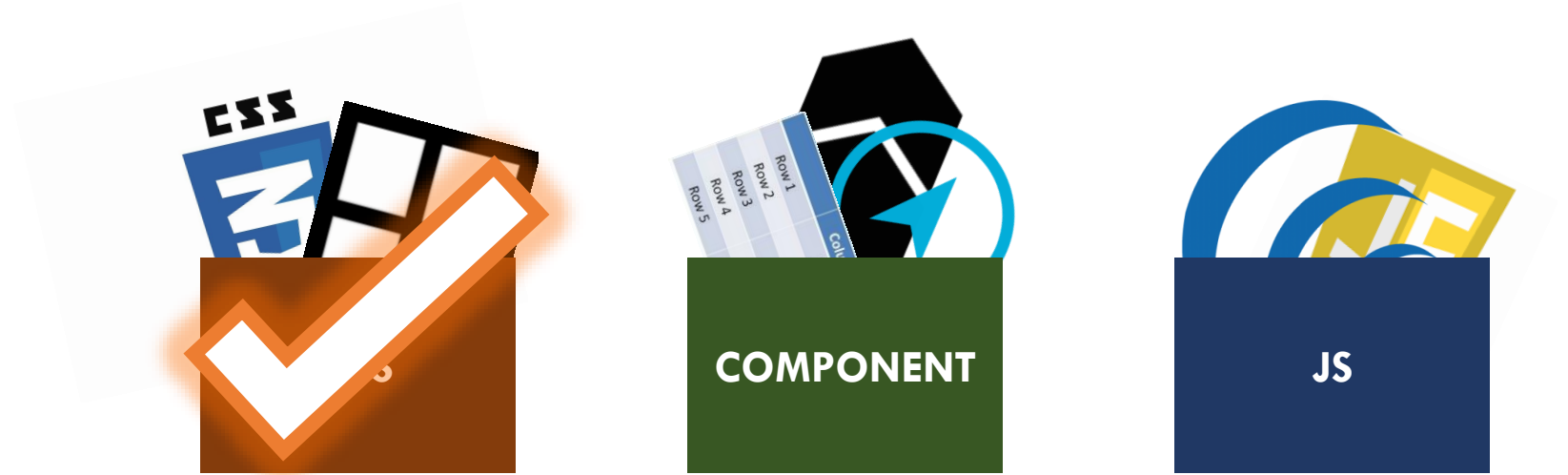
18 years old.

Studies in Computer Programming, KMITL.

Interested in System and Administrator.

Template

WHAT BOOTSTRAP GIVING US?



CSS – is a style sheet language used for describing the presentation of a document also have grid system to design easier

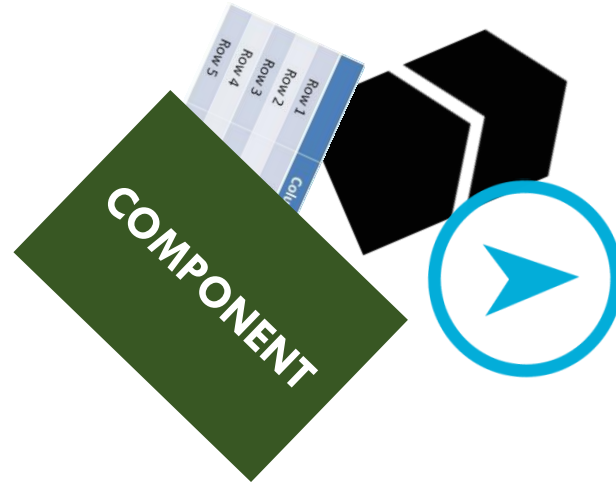
COMPONENT – CSS Stylesheet that you used frequently. (e.g. Draw a table, Set navigation, Make button)

JS – Additional Plugin for animation e.g. modal and tooltip

039

COMPONENT OVERVIEW

COMPONENT : <http://getbootstrap.com/components/>



- BUTTONS
- DROPDOWNS
- NAV-TABS
- NAV-PILLS
- BREADCRUMBS
- JUMBOTRONS

040

COMPONENT: BUTTON



```
<button type="button" class="btn btn-default">Default</button>
```

```
<button type="button" class="btn btn-primary">Primary</button>
```

```
<button type="button" class="btn btn-success">Success</button>
```

```
<button type="button" class="btn btn-info">Info</button>
```

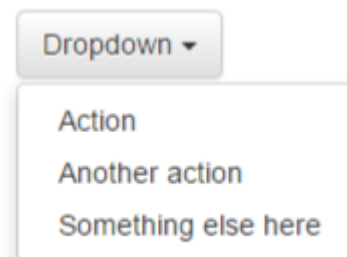
```
<button type="button" class="btn btn-warning">Warning</button>
```

```
<button type="button" class="btn btn-danger">Danger</button>
```

```
<button type="button" class="btn btn-link">Link</button>
```

041

COMPONENT: DROPDOWN



```
<div class="dropdown">
  <button class="btn btn-default dropdown-toggle" type="button" id="dropdownMenu1"
    data-toggle="dropdown" aria-haspopup="true" aria-expanded="true">
    Dropdown
    <span class="caret"></span>
  </button>
  <ul class="dropdown-menu" aria-labelledby="dropdownMenu1">
    <li><a href="#">Action</a></li>
    <li><a href="#">Another action</a></li>
    <li><a href="#">Something else here</a></li>
    <li><a href="#">Separated link</a></li>
  </ul>
</div>
```

042

COMPONENT: NAV-TABS

Home Profile Messages

```
<ul class="nav nav-tabs">
  <li role="presentation" class="active"><a href="#">Home</a></li>
  <li role="presentation"><a href="#">Profile</a></li>
  <li role="presentation"><a href="#">Messages</a></li>
</ul>
```

043

COMPONENT: NAV-PILLS



```
<ul class="nav nav-pills">  
  <li role="presentation" class="active"><a href="#">Home</a></li>  
  <li role="presentation"><a href="#">Profile</a></li>  
  <li role="presentation"><a href="#">Messages</a></li>  
</ul>
```

044

MAKE NAV JUSTIFIED



```
<ul class="nav nav-tabs nav-justified"> ... </ul>
```

```
<ul class="nav nav-pills nav-justified"> ... </ul>
```


045

COMPONENT: BREADCRUMB

Home

[Home](#) / Library

[Home](#) / [Library](#) / Data

```
<ol class="breadcrumb">
  <li><a href="#">Home</a></li>
  <li><a href="#">Library</a></li>
  <li class="active">Data</li>
</ol>
```

046

COMPONENT: JUMBOTRON

Hello, world!

This is a simple hero unit, a simple jumbotron-style component for calling extra attention to featured content or information.

[Learn more](#)

```
<div class="jumbotron">  
  <h1>Hello, world!</h1>  
  <p>...</p>  
  <p><a class="btn btn-primary btn-lg" href="#" role="button">Learn more</a></p>  
</div>
```

047

MORE FRONT-END FRAMEWORK



BOOTSTRAP :

<http://getbootstrap.com>

MATERIALIZE :

<http://materializecss.com>

SEMANTIC :

<http://semantic-ui.com>

Stage 3

***Make Subscriber button!
and using your components.***



Vason Maitree

18 years old.

Studies in Computer Programming, KMITL.

Interested in System and Administrator.

Send your message to me!

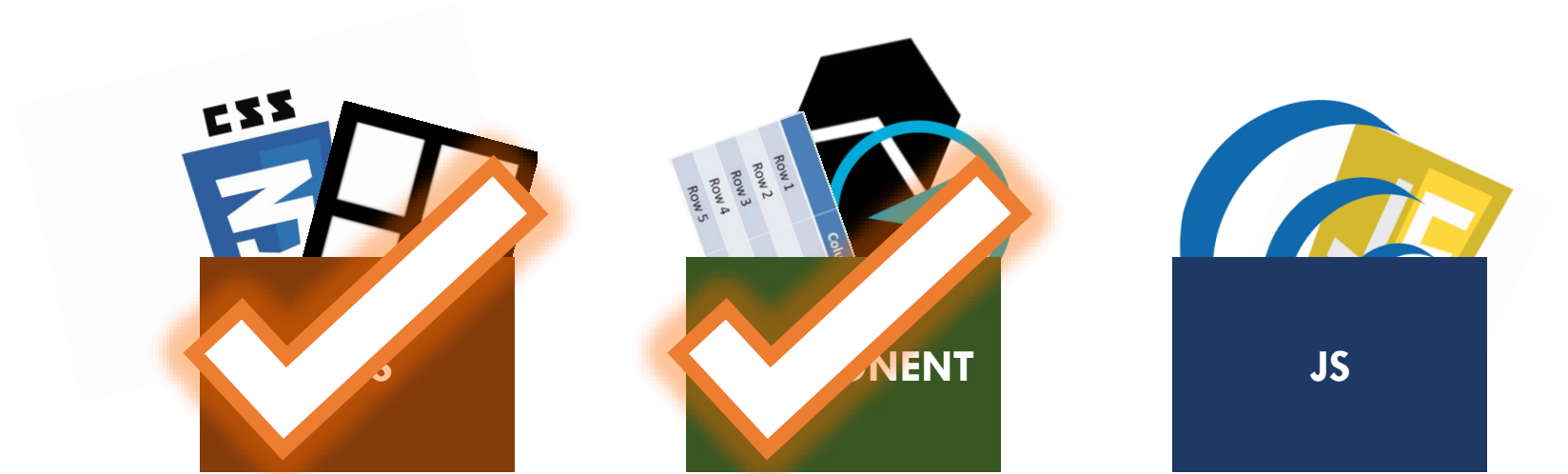
Name:

Message:

Subscribe

Template

WHAT BOOTSTRAP GIVING US?



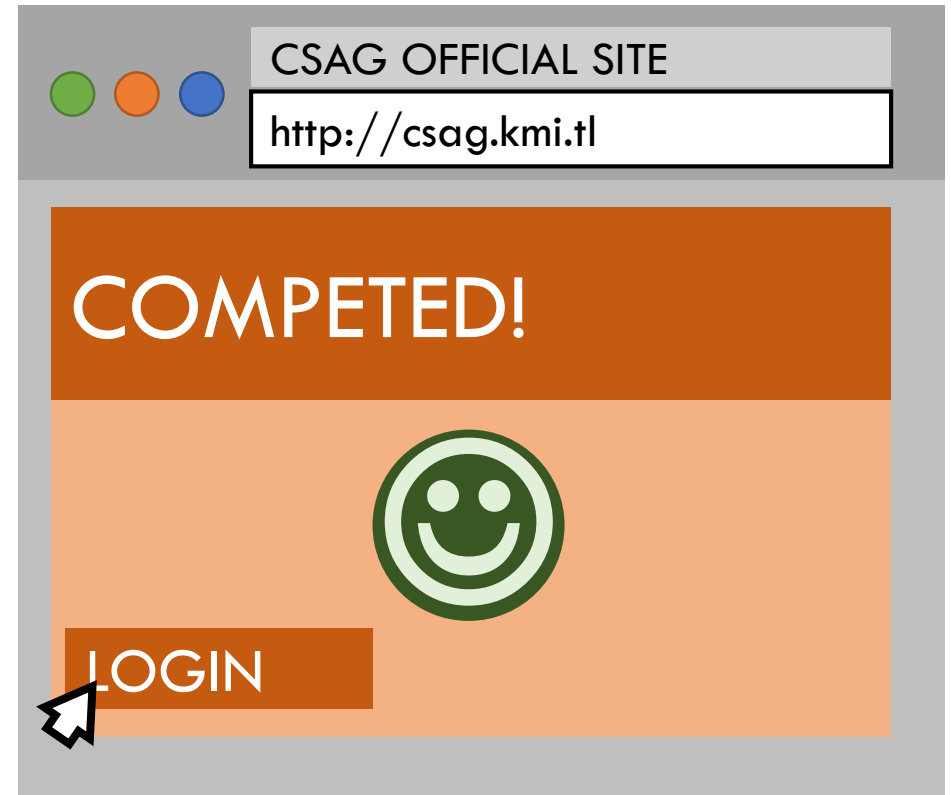
CSS – is a style sheet language used for describing the presentation of a document also have grid system to design easier

COMPONENT – CSS Stylesheet that you used frequently. (e.g. Draw a table, Set navigation, Make button)

JS – Additional Plugin for animation e.g. modal and tooltip

048

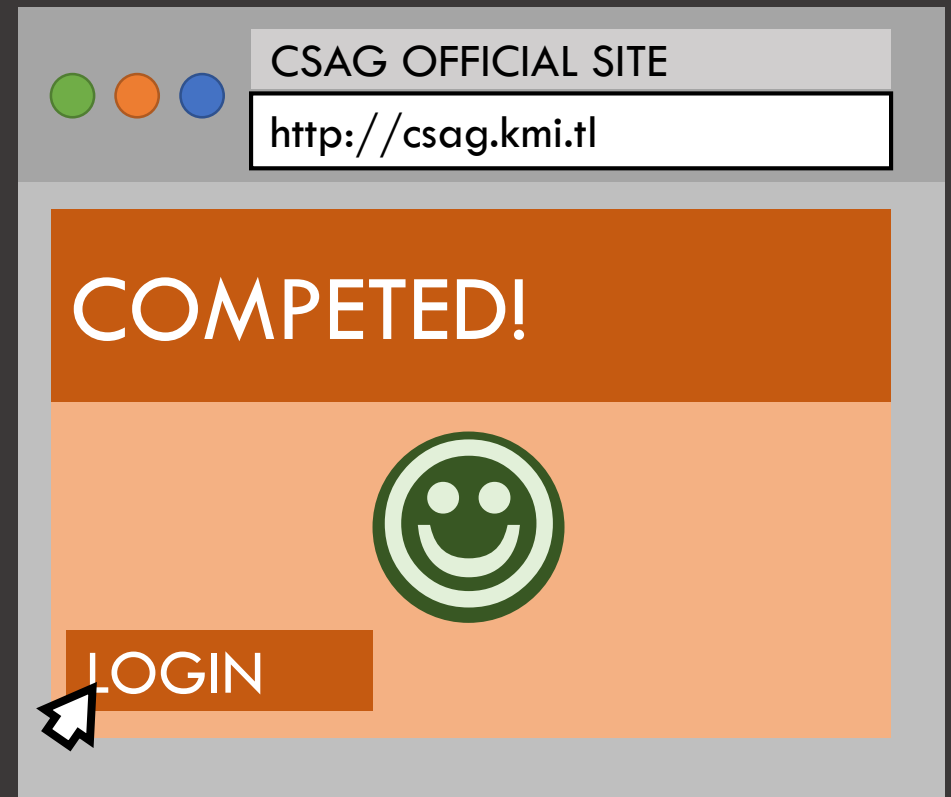
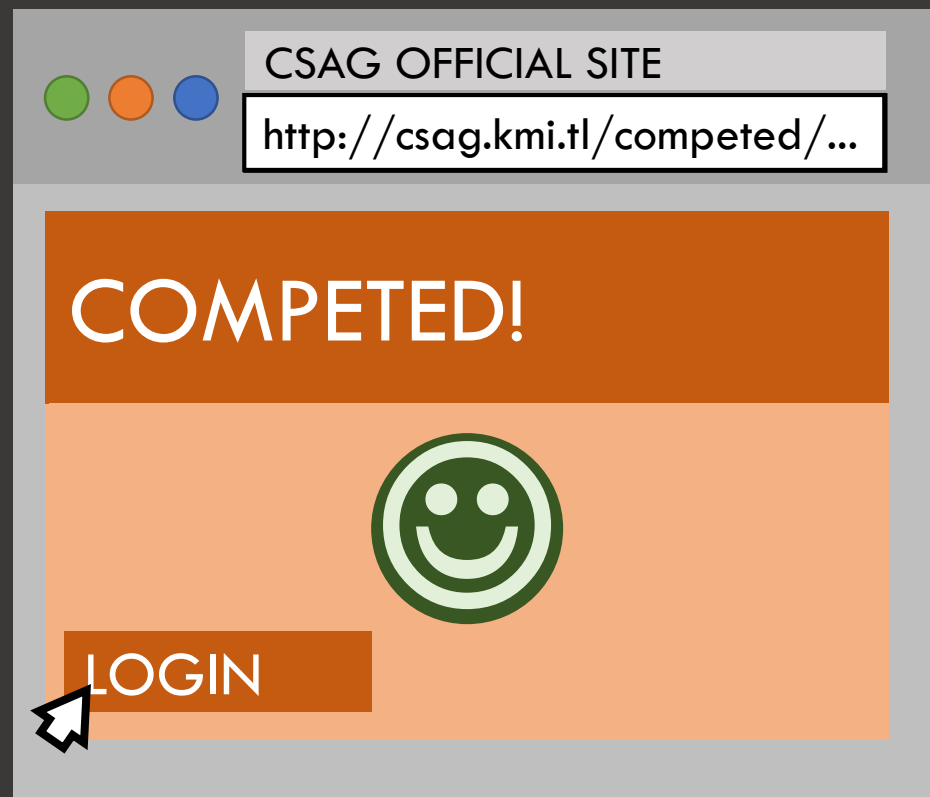
DYNAMIC WEBPAGE



a web page can also provide a "live", "dynamic", or "interactive" user experience. Content (text, images, form fields, etc.) on a web page can change, in response to different contexts or conditions.

E. INTERACTIVE WEBSITE

Making dynamic web also make you web beautiful
and user grants a lot of happy

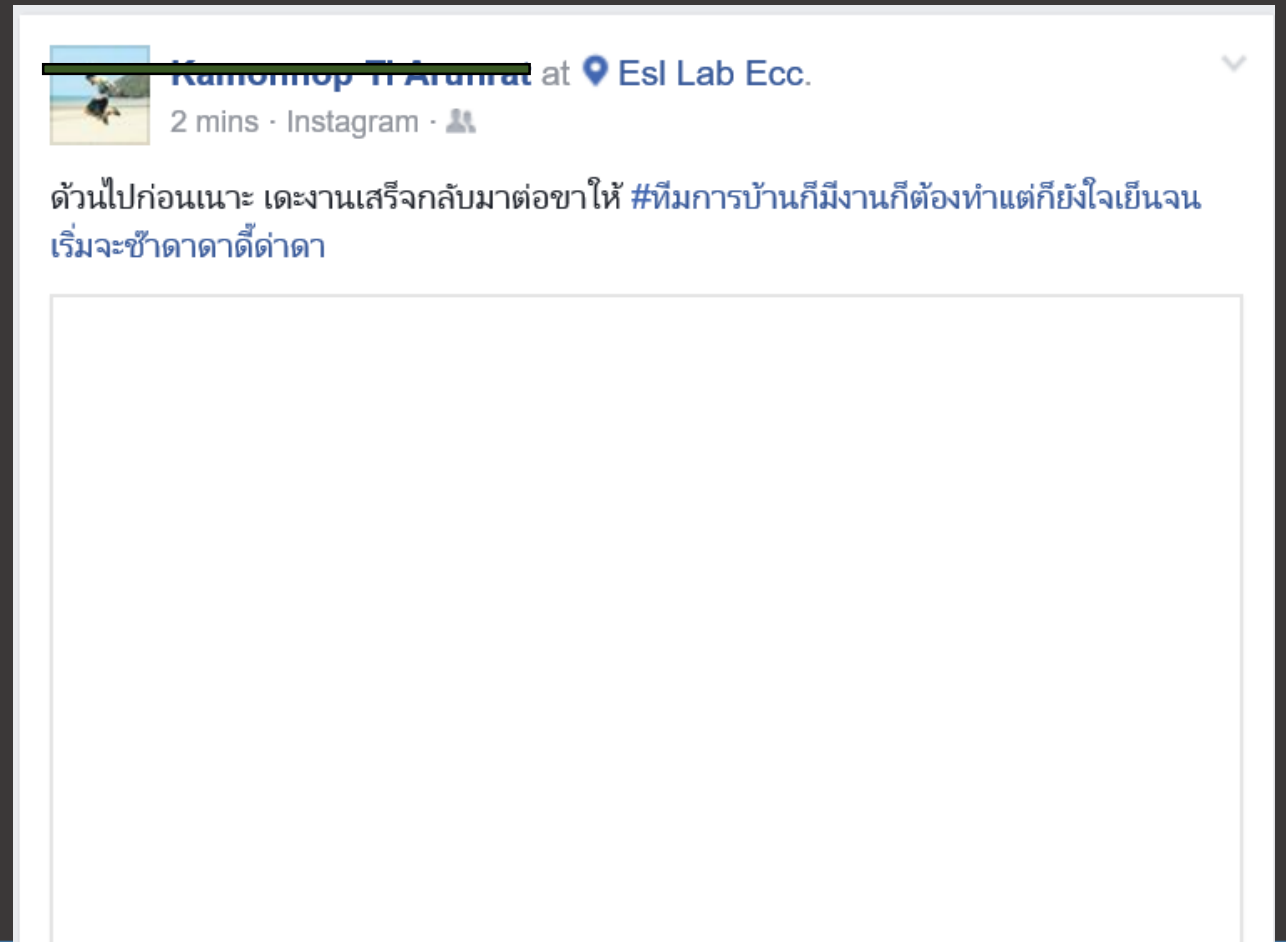


F. SINGLE WEB APPLICATION

Loading a new webpage frequently will make user annoying.

So you can make a single web application to get less download

*Ex. Facebook News Feed
(Unlimited Scrolling!)*



049

JS : JQUERY



<https://jquery.com/>

Jquery help you to modifier, handler
and animator your HTML

050

IMPORT JQUERY TO YOUR WEB

```
<html>

<title>...</title>

<body>
  Your Body
  <script type="text/javascript" src="js/jquery.js"></script>
</body>
</html>
```

Type of Script (JS)

Source of this JS file
(Extension is *.js)

051

MAKE YOUR CUSTOM JQUERY

```
<html>

<title>...</title>

<body>
  Your Body
  <script type="text/javascript" src="js/jquery.js"></script>
  <script type="text/javascript">
    // CUSTOM JQuery
  </script>
</body>
</html>
```

052

JQUERY EDITOR'S PICK

- Click Function

```
<script>
$("#target").click(function() {
    // Do Something
});
</script>
```

053

JQUERY EDITOR'S PICK

- Show / Hide

```
<script>
$("#target").hide();
$("#target").show();
$("#target").toggle();

</script>
```

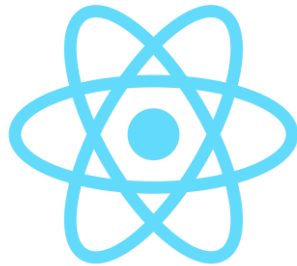
054

MORE GREAT JS SIDE



ANGULAR

<https://angularjs.org/>



REACT

<https://reactjs.net/>

Jquery help you to modifier, handler
and animator your HTML

Stage 4

Change your text when some user sent message to you.



Vason Maitree

18 years old.

Studies in Computer Programming, KMITL.
Interested in System and Administrator.

Send your message to me!

Name:

Message:

Subscribe

Template (Before subscribe.)

Stage 4

Change your text when some user sent message to you.



Vason Maitree

18 years old.

Studies in Computer Programming, KMITL.
Interested in System and Administrator.

Your message is sent!

[Back to main](#)

Template (After subscribed.)

DO SOMETHING!



*Design web template which not profile template.
(e.g. City, Cartoon, Games, other thing that you interested.)*

**IF YOU INTERESTED IN FRONT-END
AND WANT TO KNOW IN-DEPTH INFORMATION**



Google Search

I'm Feeling Lucky

Google.co.th offered in: ภาษาไทย

CREDIT

*Napat Jintanakosol – CS 2558 –
Every CSAG Member.*

<http://www.w3school.com>

<http://getbootstrap.com>

<http://jquery.com>