

12 HTML5 ans CSS

1. What is CSS?

Cascading Style Sheets (CSS) is a simple mechanism for adding style (e.g., fonts, colors, spacing) to Web documents.

2. Where to start?

Create a HTML file first

<http://elibrary.ibc.ac.th/html5/example1.html>

```
<!doctype html>
<html>
<head>
  <meta charset="utf-8">
  <title>My First Web Page</title>
</head>

<body>
  <h1>This is Heading 1. You should use code
  "h1"</h1>
  <p id="para1">Welcome to <strong> My
  First</strong> HTML 5 Web Page</p>
  <p>Isn't it <em>WONDEFUL</em></p>

  <h2>This is to test heading 2</h2>

  <p> <a href="http://ibc.ac.th/"> Click here</a>
  to go to IBC web site.
  </p>

  <h3>Buddhism with Heading 3 style</h3>

  <ul>
  <li>Early Buddhism</li>
  <li>Abhidharmic School</li>
  </ul>

  <table border="1" style="width:500px">
  <tr>
  <td>Cell One</td>
  <td>Cell Two</td>
  <td>Cell Three</td>
  </tr>
  <tr>
  <td>Cell Four</td>
  <td>Cell Five</td>
  <td>Cell Six</td>
  </tr>
```

```

        <tr>
            <td>Cell 7</td>
            <td>Cell 8</td>
            <td>Cell 9</td>
        </tr>

</table>

<h3>IBC Logo</h3>
<p>

</p>
</body>
</html>

```

3 Add some style

```

<!DOCTYPE html>
<html>
<head>
<style>
#para1 {
    text-align: center;
    color: red;
}
</style>
</head>
<body>
...

```

Use external CSS to control all html pages (use the same style for the whole website)

Create a separate page of css, for example, you can name it `style.css`

```

<!doctype html>
<html>
<head>
<meta charset="utf-8">
<link rel="stylesheet" type="text/css"
href="mystyle.css">
<title>My First Web Page</title>
</head>
...

```

CSS Example

<http://elibrary.ibc.ac.th/html5/style.css>

```
body {
    background-color: lightblue;
    color: rgb(114, 111, 111);
    font: 15px "Helvetica Neue", Helvetica,
        Arial, sans-serif;
    font-weight: 300;
    line-height: 1.625;
}

a {
    color: #1982d1;
    text-decoration: none;
}
a:focus,
a:active,
a:hover {
    text-decoration: none;
}

/* Headings – This is comments*/
h1,h2,h3,h4,h5,h6 {
    clear: both;
}
h1 {
    color: navy;
    margin-left: 20px;
    text-align:center;
    font-size: 26px;
}
h2 {
    font-size: 22px;
    margin: .5em 0;
}
h3 {
    font-size: 22px;
    font-weight: bold;
    margin: 0 0 0.8125em;
}
h4 {
    font-size: 20px;
    margin: 0 0 0.5em;
}
h5 {
    font-size: 18px;
}
```

```

hr {
  background-color: #ccc;
  border: 0;
  height: 1px;
  margin-bottom: 2em;
}

/* Text elements */
p {
  margin-bottom: 2em;
}
ul, ol {
  margin: 0 0 1em 1.5em;
}
ul {
  list-style: disc;
}
ol {
  list-style-type: decimal;
}
ol ol {
  list-style: upper-alpha;
}
ol ol ol {
  list-style: lower-roman;
}
ol ol ol ol {
  list-style: lower-alpha;
}
ul ul, ol ol, ul ol, ol ul {
  margin-bottom: 0;
}

strong {
  font-weight: bold;
}
cite, em, i {
  font-style: italic;
}

table {
  margin: 0 0 1.5em;
  width: 100%;
  border: 1px solid #ddd;
  border-right: none;
  background: #fff;
}

th {
  font-weight: bold;
  padding: 10px 10px;
  background: #555;
  color: #fff;
}

```

```
}  
  
tr{  
  padding:5px 5px;  
}  
  
td{  
  padding:5px 10px;  
  border-top:1px solid #ddd;  
  border-right:1px solid #ddd;  
}
```

Check the results at:

<http://elibrary.ibc.ac.th/html5/example2.html>

Where to Learn HTML

<https://www.w3.org/MarkUp/Guide/>

Where to Learn CSS

<https://www.w3.org/Style/Examples/011/firstcss>

<http://www.w3schools.com/css/>