

# HTML/CSS coding standards

Following are the guideline which we have to take in our code:

- All elements should be closed via a tag pair or self closing declaration.
- Use 4 spaces for indenting.
- Place block, list and table elements on a new line and indent the new line 4 additional spaces.
- Remove all trailing whitespace.
- Use only lowercase.

For example

***Right:***

```
<!-- Recommended -->  

```

***Wrong:***

```
<!-- Not recommended -->  
<A HREF="/">Home</A>
```

- Use double quotes around attribute values.
- Boolean attributes should not have a value.
- Attribute Order

For example

- class
- id , name
- data-\*
- src , for , type , href
- title , alt
- aria-\* , role

```
<a class="..." id="..." data-modal="toggle" href="#">
```

Example link

```
</a>
```

```
<input class="form-control" type="text">
```

```

```

- Use standard HTML comments to indicate the beginning and end of large sections of code.
- Use the HTML5 doctype.

For

Example

```
<!DOCTYPE html>
<html>
<head>
<title>Title of the document</title>
<meta charset="utf-8">
<link rel="icon" href="/favicon.ico" type="image/x-icon">
</head>

<body>
The content of the document.....
</body>
```

```
</html>
```

- Use the Favicon :  
`<link rel="icon" href="/favicon.ico" type="image/x-icon">`
- Use the embedded resources where possible.

For example

***Right:***

```
<!-- Recommended -->
<script
src="//ajax.googleapis.com/ajax/libs/jquery/3.1.0/jquery.min.js"></sc
ript>
```

***Wrong:***

```
<!-- Not recommended: omits the protocol -->
<script
src="https://www.ajax.googleapis.com/ajax/libs/jquery/3.1.0/jquery.mi
n.js"></script>

<!-- Not recommended: uses the HTTP protocol -->
<script
src="http://ajax.googleapis.com/ajax/libs/jquery/3.1.0/jquery.min.js"
></script>
```

**CSS:**

Following are the guideline which we have to take in our code:

<http://dev.credencys.com/html-standerds/css/style.css>

- Set tabs, not spaces, to indent each property.
- Add two blank lines between sections and one blank line between blocks in a section.
- Each selector should be on its own line, ending in either a comma or an opening curly brace.
- Always end in a semicolon
- Font weights should be defined using numeric values (e.g. 400 instead of normal, 700 rather than bold).
- Try to use a short form of the hexadecimal value, for example, with #fff instead of #ffffff .
- 0 units to the specified value to avoid, for example, with a margin: 0; instead of margin: 0px; .

***Bad CSS:***

```
.selector, .selector-secondary, .selector[type=text] {  
  padding:15px;  
  margin:0px 0px 15px;  
  background-color:rgba(0, 0, 0, 0.5);  
  box-shadow:0px 1px 2px #CCC,inset 0 1px 0 #FFFFFF  
}
```

***Good CSS:***

```
.selector,  
.selector-secondary,  
.selector[type="text"] {  
  padding: 15px;  
  margin-bottom: 15px;  
  background-color: rgba(0,0,0,.5);
```

```
box-shadow: 0 1px 2px #ccc, inset 0 1px 0 #fff;
}
```

- Declaration order

Property-related statements should be grouped and arranged in the following order:

1. Positioning
2. Box model
3. Typographic
4. Visual

```
.declaration-order {
  /* Positioning */
  position: absolute;
  top: 0;
  right: 0;
  bottom: 0;
  left: 0;
  z-index: 100;

  /* Box-model */
  display: block;
  float: right;
  width: 100px;
  height: 100px;

  /* Typography */
  font: normal 13px "Helvetica Neue", sans-serif;
  line-height: 1.5;
  color: #333;
  text-align: center;

  /* Visual */
  background-color: #f5f5f5;
  border: 1px solid #e5e5e5;
  border-radius: 3px;

  /* Misc */
  opacity: 1;
}
```

}