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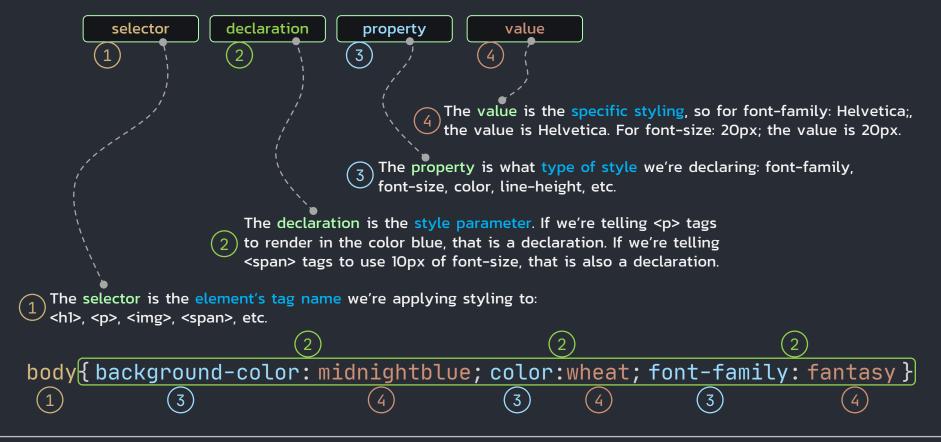
Cascading Style Sheets (CSS)



CSS, short for "Cascading Style Sheets," is a style sheet language that tells a browser how to present an HTML document, or any other markup language.

CSS is used to modify your content's font, font size, colors, line height and spacing, images, element positioning, etc.

CSS composes of four main keywords



Three ways to incorporate CSS



1) Inline: Add the style attribute inside an individual HTML element.

(2) Internal: Add the <style> tag inside the <head> tag

Three of them give us the same results

(3) External: Create and save a stylesheet file, then link into the HTML

From now on, we will use the third method to make things easier to organize.

Basic CSS Selectors (*, tag, class, id)

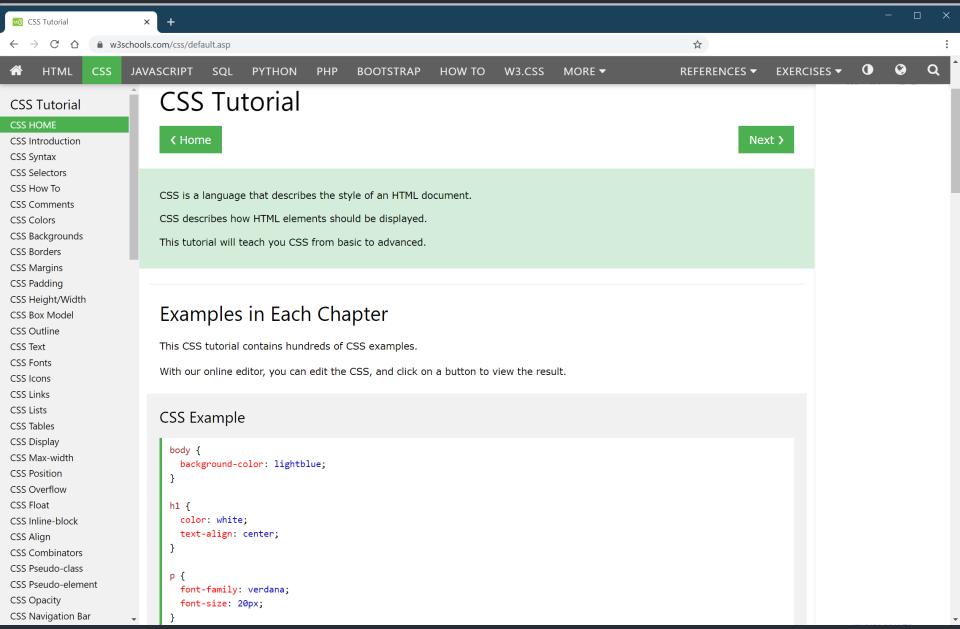


```
index.html
<html>
<head>
 <title>CSS Selectors</title>
 <link rel="stylesheet" href="ex04_style.css">
</head>
<body>
 <div>
   <button class="btn motor">Start
   <button class="btn motor">Stop</button>
 </div>
 <div>
   <button class="btn pump" id="btnS">Start
   <button class="btn pump" id="btnP">Stop</button>
 </div>
</body>
                     Note:
</html>
                    tag can has many classes but only one id
S CSS Selectors
           ① 127.0.0.1:5500/example... ④ ☆
                  Stop
   Start
   Start
                  Stop
 id is prefixed by # (sharp), used to identify one element
 class is prefixed by . (dot), used to identify group of elements
Not only the four selectors, please study others selectors at the
 following website: https://www.w3schools.com/cssref/css_selectors.asp
```

```
Selects all elements
                                                                    ex04_style.css
       padding: Opx;
       margin: Opx;
                          Selects the <body> tag
    body{
       background-color: #222;
name
                          Selects all <h1> tag
    h1{
       color:bisque
                          Selects all elements with class .btn
     .btn{
       width: 120px;
       height: 40px;
       border-radius: 4px;
       font-weight: bold;
       margin: 10px;
                          Selects all elements with class .mortor
     .motor{
       font-family: cursive;
                          Selects all elements with class .pump
     .pump{
       font-family: Georgia;
                          Selects an element with id #btnS
    #btnS {
       color: darkgreen;
                          Selects an element with id #btnP
    #btnP {
       color: darkred;
```

PRACTICE! is best way to improve your coding skill







Bootstrap (make it better & easier)



Bootstrap is the most popular CSS Framework for developing responsive and mobile-first websites.

Get started with Bootstrap 4.4

https://getbootstrap.com/docs/4.4/getting-started/introduction/

Download Bootstrap 4.4

https://getbootstrap.com/docs/4.4/getting-started/download/

Components of Bootstrap 4.4

https://getbootstrap.com/docs/4.4/components/

CSS file of Bootstrap 4.4

https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css

will be used in the next assignment

Try the Bootstrap 4.4



1) Create new files, index.html, exO5_style.css and save them in the exO5_css_bootstrap directory

- ✓ = ex05_css_bootstrap☐ bootstrap.min.css☐ ex05_style.css☐ index.html
- 2) Download the bootstrap.min.css and save the ex05_css_bootstrap directory
- 3) Exit the index.html and ex05_style.css as follows

```
index.html
<html>
<head>
 <title>ex50_bootstrap</title>
 <link rel="stylesheet" href="bootstrap.min.css">
 <link rel="stylesheet" href="ex05_style.css">
</head>
<body>
 <div class="container">
   <button class="btn btn-primary">Primary/button>
   <button class="btn btn-secondary">Secondary
   <button class="btn btn-success">Success/button>
   <button class="btn btn-info">Info</button>
   <button class="btn btn-warning">Warning/button>
   <button class="btn btn-danger">Danger</button>
   <button class="btn btn-dark">Dark/button>
 </div>
 <div class="container">
   <span class="badge badge-primary">Primary</span>
   <span class="badge badge-secondary">Secondary</span>
   <span class="badge badge-success">Success</span>
   <span class="badge badge-danger">Danger</span>
   <span class="badge badge-warning">Warning</span>
   <span class="badge badge-info">Info</span>
   <span class="badge badge-dark">Dark</span>
</body>
</div>
</html>
```

```
.container{
   margin-top: 20px;
   text-align: center;
}
.btn{
   width: 100px!important;
   margin-bottom: 20px;
}
.badge {
   width: 100px!important;
}
```

Run the application and check the power of our Bootstrap

```
② ex50_bootstrap × +

← → C ① ① 127.0.0.1:5500/exampl... ☆ ② ○ □ □ Paused :

Primary Secondary Success Info

Warning Danger Dark

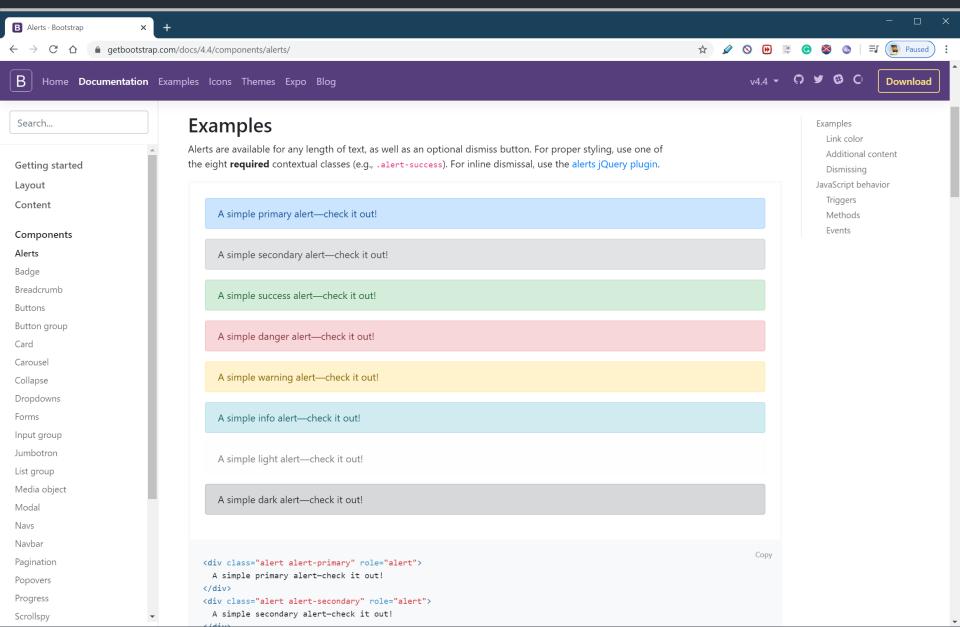
Primary Secondary Success Danger

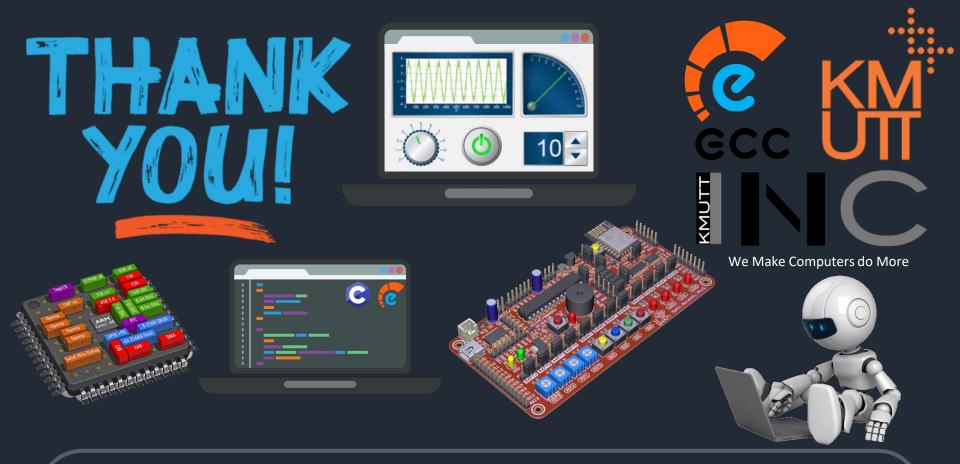
Warning Info Dark
```



Pay your time on the https://getbootstrap.com/docs/







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