

# CSS SELECTORS

## EXAMPLE #1 1

# CSS SELECTORS

```
h3 {  
    font-style: italic;  
}
```

THIS IS A **SELECTOR** - IT  
SELECTS THE ELEMENT  
THAT WE WANT TO STYLE

# CSS SELECTORS

```
h3 {  
  font-style: italic;  
}
```

THIS IS THE  
**PROPERTY** WHICH  
WE WANT TO STYLE

# CSS SELECTORS

```
h3 {  
    font-style: italic;  
}
```

THIS IS THE **VALUE**  
WE WANT THE  
PROPERTY TO HAVE

# CSS SELECTORS

```
h3 {  
    font-style: italic;  
}
```

A COLON SEPARATES  
THE PROPERTY AND  
THE VALUE

# CSS SELECTORS

```
h3 {  
    font-style: italic;  
}
```

A SEMI-COLON  
TERMINATES THE  
STYLE ASSIGNMENT

# CSS SELECTORS

WHAT IF YOU WANT **DIFFERENT HTML ELEMENTS** TO HAVE THE **SAME** COLOR ALONG WITH THE OTHER DIFFERENT STYLES THEY HAVE

USING JUST HTML **TAG** SELECTORS  
REQUIRES US TO SPECIFY THE COLOR  
IN EVERY STYLE ADDED TO THE  
INDIVIDUAL ELEMENTS

# CSS SELECTORS

```
<body>
<h2>
  Here are some of our courses on Udemy:
</h2>
<h4>
  Break Away: Programming and Coding Interviews
</h4>
<p>
  Solve real world programming problems with solutions explained
  simply and thoroughly

  <blockquote>
    The course is well structured and covers all the fundamentals
    one need to know to start coding right away. After gap of
    several years from coding world when I decided to brush up
    on programming skills, this was the course that met all the needs
  </blockquote>
</p>
</body>
```

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```
body {
  font-family: sans-serif;
}
```

```
h4 {
  font-size: 22px;
}
```

```
blockquote {
  font-family: Helvetica;
  font-style: italic;
}
```



# CSS SELECTORS

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  </blockquote>
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```

```
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h4 {
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blockquote {
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  font-style: italic;
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```

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# CSS SELECTORS

NOW WHAT IF WE WANTED  
A WAY TO MAKE THE FONTS  
FOR ANY ELEMENT GREEN?

**Here are some of our courses on Udemy:**

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Solve real world programming problems with solutions explained simply and thoroughly

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# CSS SELECTORS

NOW WHAT IF WE WANTED  
A WAY TO MAKE THE FONTS  
FOR ANY ELEMENT **GREEN?**

ONE WAY WOULD BE TO GO IN AND  
ADD **color: green;** TO EACH OF THE  
STYLES OF DIFFERENT ELEMENTS

**Here are some of our courses on Udemy:**

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# CSS SELECTORS

NOW WHAT IF WE WANTED  
A WAY TO MAKE THE FONTS  
FOR ANY ELEMENT **GREEN?**

ONE WAY WOULD BE TO GO IN AND  
ADD **color: green;** TO EACH OF THE  
STYLES OF DIFFERENT ELEMENTS

FOR A SINGLE PROPERTY THIS  
WORKS..KINDA BUT IT ISN'T VERY  
**MODULAR, YOU CAN'T PLUG IN A SET  
OF STYLES FOR DIFFERENT ELEMENTS**

```
body {  
    font-family: sans-serif;  
}  
  
h4 {  
    font-size: 22px;  
    color: green;  
}  
  
blockquote {  
    font-family: Helvetica;  
    font-style: italic;  
    color: green;  
}
```

Here are some of our courses on Udemy:

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*The course is well structured and covers all the fundamentals one need to know to start coding right away. After gap of several years from coding world when I decided to brush up on programming skills, this was the course that met all the needs*

# USE THE CLASS ATTRIBUTE!

# CSS SELECTORS

## USE THE CLASS ATTRIBUTE!

```
<body>
<h2>
  Here are some of our courses on Udemy:
</h2>
<h4 class="green-color">
  Break Away: Programming and Coding Interviews
</h4>
<p>
  Solve real world programming problems with solutions explained
  simply and thoroughly

  <blockquote class="green-color">
    The course is well structured and covers all the fundamentals
    one need to know to start coding right away. After gap of
    several years from coding world when I decided to brush up
    on programming skills, this was the course that met all the needs
  </blockquote>
</p>
```

```
body {
  font-family: sans-serif;
}

h4 {
  font-size: 22px;
}

blockquote {
  font-family: Helvetica;
  font-style: italic;
}

h4.green-color {
  color: green;
}

blockquote.green-color {
  color: green;
}
```

# CSS SELECTORS

## USE THE CLASS ATTRIBUTE!

```
<body>
<h2>
  Here are some of our courses on Udemy:
</h2>
<h4 class="green-color">
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</h4>
<p>
  Solve real world programming problems with solutions explained
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  <blockquote>
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    one need to know to start coding right away. After gap of
    several years from coding world when I decided to brush up
    on programming skills, this was the course that met all the needs
  </blockquote>
</p>
```

```
body {
  font-family: sans-serif;
}

h4 {
  font-size: 22px;
}

blockquote {
  font-family: Helvetica;
  font-style: italic;
}

h4.green-color {
  color: green;
}
```

# CSS SELECTORS

## USE THE **CLASS** ATTRIBUTE!

`class="green-color"`

THIS ATTRIBUTE CAN BE  
USED WITH **ANY ELEMENT**

THIS IS ANOTHER WAY IN  
WHICH **CSS CAN SELECT AN  
ELEMENT TO STYLE**

```
h4.green-color {  
  color: green;  
}
```

JUST ADD A **.classname** TO THE CSS  
SELECTOR BASICALLY SAYS ALL **<h4>**  
ELEMENTS **WITH THIS CLASS** SHOULD HAVE  
FONT COLOR GREEN



# CSS SELECTORS

## USE THE CLASS ATTRIBUTE!

JUST ADD A **.classname** TO THE CSS  
SELECTOR BASICALLY SAYS ALL **<h4>**  
ELEMENTS **WITH THIS CLASS** SHOULD HAVE  
FONT COLOR GREEN

```
h4.green-color {  
    color: green;  
}
```

```
<body>  
<h2>  
    Here are some of our courses on Udemy:  
</h2>  
<h4 class="green-color">  
    Break Away: Programming and Coding Interviews  
</h4>  
<p>  
    <blockquote>  
    </blockquote>  
</p>  
<h4>  
    From 0 to 1: Machine Learning, NLP & Python - Cut to the chase  
</h4>  
<p>  
    <blockquote>  
    </blockquote>  
</p>
```

# CSS SELECTORS

```
<body>
<h2>
    Here are some of our courses on Udemy:
</h2>
<h4 class="green-color">
    Break Away: Programming and Coding Interviews
</h4>
<p>
    <blockquote>
    </blockquote>
</p>
<del>
<h4>
    From 0 to 1: Machine Learning, NLP & Python - Cut to the chase
</h4>
<p>
    <blockquote>
    </blockquote>
</p>
</del>
```

Here are some of our courses on Udemy:

## Break Away: Programming and Coding Interviews

Solve real world programming problems with solutions explained simply and thoroughly

*The course is well structured and covers all the fundamentals one need to know to start coding right away. After gap of several years from coding world when I decided to brush up on programming skills, this was the course that met all the needs*

## ~~From 0 to 1: Machine Learning, NLP & Python - Cut to the chase~~

Supervised/Unsupervised learning, Classification, Clustering, Association Detection, Anomaly Detection, Dimensionality Reduction, Regression and a lot more!

*The content is comprehensive and informative. I have MS in Data mining but the instructor explained the ML portion very very well. Job well done. I signed up for the python since I used IBM Predictive Modeller for my course and do not have any python experience.*

# CSS SELECTORS

NOW IF YOU WANTED ALL `<blockquote>` ELEMENTS WITH THE “green-color” CLASS TO HAVE FONT COLOR GREEN WHAT WOULD YOU DO?

```
h4.green-color {  
    color: green;  
}
```

```
blockquote.green-color {  
    color: green;  
}
```

# CSS SELECTORS

NOW IF YOU WANTED ALL `<blockquote>` ELEMENTS WITH THE “green-color” CLASS TO HAVE FONT COLOR GREEN WHAT WOULD YOU DO?

```
h4.green-color {  
  color: green;  
}
```

```
blockquote.green-color {  
  color: green;  
}
```

THIS IS PRETTY  
CUMBERSOME!

WHAT YOU REALLY WANT IS TO HAVE A CLASSNAME AND ALLOW IT TO SELECT ANY ELEMENT WHICH HAS THAT CLASS NAME



# CSS SELECTORS

WHAT YOU REALLY WANT IS TO HAVE A  
CLASSNAME AND ALLOW IT TO SELECT ANY  
ELEMENT WHICH HAS THAT CLASS NAME

```
<h4 class="green-color">  
From 0 to 1: Machine Learning, NLP & Python - Cut to the chase
```

```
</h4>  
<p>  
Supervised/Unsupervised learning, Classification, Clustering,  
Association Detection, Anomaly Detection, Dimensionality Reduction,  
Regression and a lot more!
```

```
<blockquote class="green-color">  
The content is comprehensive and informative. I have MS in  
Data mining but the instructor explained the ML portion very  
very well. Job well done. I signed up for the python since I used  
IBM Predictive Modeller for my course and do not have any python experience.
```

```
</blockquote>  
</p>
```

```
.green-color {  
    color: green;  
}
```

# CSS SELECTORS

```
<h4 class="green-color">
  From 0 to 1: Machine Learning, NLP & Python - Cut to the chase
</h4>
<p>
  Supervised/Unsupervised learning, Classification, Clustering,
  Association Detection, Anomaly Detection, Dimensionality Reduction,
  Regression and a lot more!

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```

```
.green-color {
  color: green;
}
```

## From 0 to 1: Machine Learning, NLP & Python - Cut to the chase

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NOTE THAT THE STYLES ASSOCIATED WITH  
**green-color** APPLY TO ANY TYPE OF ELEMENT!

# CSS SELECTORS

LET'S SET UP A BUNCH OF CLASS  
SELECTORS **green-color,**  
**background, and large**

```
.green-color {  
    color: green;  
}
```

```
.background-blue {  
    background-color: aliceblue;  
}
```

```
.large-font {  
    font-size: 8px;  
}
```

# CSS SELECTORS

```
.green-color {  
  color: green;  
}
```

```
.background-blue {  
  background-color: aliceblue;  
}
```

```
.large-font {  
  font-size: 8px;  
}
```

YOU APPLY ALL OF THESE  
CLASSES TO THE SAME  
ELEMENT!

```
<blockquote class="green-color background-blue large-font">
```

The course is well structured and covers all the fundamentals  
one need to know to start coding right away. After gap of  
several years from coding world when I decided to brush up  
on programming skills, this was the course that met all the needs

```
</blockquote>
```



# CSS SELECTORS

```
.green-color {  
  color: green;  
}
```

```
.background-blue {  
  background-color: aliceblue;  
}
```

```
.large-font {  
  font-size: 24px;  
}
```

```
<blockquote class="green-color background-blue small-font">
```

The course is well structured and covers all the fundamentals one need to know to start coding right away. After gap of several years from coding world when I decided to brush up on programming skills, this was the course that met all the needs

```
</blockquote>
```

*The course is well structured and covers all the fundamentals one need to know to start coding right away. After gap of several years from coding world when I decided to brush up on programming skills, this was the course that met all the needs*

# CSS SELECTORS

THERE IS ONE LAST WAY TO SELECT AN ELEMENT

THIS IS TYPICALLY USED WHEN **EXACTLY ONE ELEMENT** HAS TO BE STYLED IN A PARTICULAR WAY

THIS USED THE **UNIQUE IDENTIFIER** OF AN ELEMENT

**THE ID ATTRIBUTE!**

# CSS SELECTORS

## THE ID ATTRIBUTE!

### ONLY ONE ELEMENT IN AN HTML PAGE CAN HAVE A SPECIFIC ID

```
<h4>
  From 0 to 1: Design Patterns - 24 That Matter - In Java
</h4>
<p>
  The course is intensely practical, bursting with examples - the more
  important patterns have 3-6 examples each. More than 50 real-world
  Java examples in total.
  <blockquote id="fav-review-id">
    Really high-quality course. Here is what i like: 1. depth and
    quality of every line and every video. 2. friendly and engaged
    instructors who patiently add material and address questions
    even from demanding students
  </blockquote>
</p>
```

```
#fav-review-id {
  font-size: 32px;
  color: saddlebrown;
}
```

# CSS SELECTORS

```
<h4>
```

```
    From 0 to 1: Design Patterns - 24 That Matter - In Java
```

```
</h4>
```

```
<p>
```

```
    The course is intensely practical, bursting with examples - the more
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```
</blockquote>
```

```
</p>
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# CSS SELECTORS

WHAT IF **MULTIPLE** CSS SELECTORS  
SELECT THE SAME ELEMENT AND  
HAVE **CONFLICTING** STYLES?

THERE ARE SOME RULES TO  
DETERMINE WHICH STYLE GET'S  
APPLIED - WE'LL GET TO THAT  
LATER