

# **INTRODUCTION TO CSS**

**-BY**

**Chirag Maini**

**NSUT'25(EE)**

## ->>>> **INLINE STYLE TAG:** <<<<-

```
<p style="color:red; font-size:30px">
</p>
```

## ->>>> **INTERNAL CSS:** <<<<-

```
<head>
<style type="text/css">
p{
color:red;
font-size:30px;
}
</style>
</head>
```

## ->>>> **EXTERNAL CSS:** <<<<-

```
<link>
This Tag is used for linking the html and css file
<head>
<link rel="stylesheet" type="text/css" href="style.css" >
</head>
```

\*\*\*\*IMP\*\*\*\*

preference of inline css is more !!!!

( INLINE CSS > INTERNAL AND EXTERNAL )

Out of Internal CSS and External CSS the execution will start from bottom to top.

```
<head>

  <style type="text/css">
p3{
  color: blue;
}
</style>

  <link rel="stylesheet" type="text/css" href="prac.css">
```

```
p3{
  color: orange;
  font-size: 25px;
}
```

-> In this we have to create a new file with extension .css and apply the styles to that .

As the CEO of OpenAI and former President of YCombinator, Sam Altman has a unique perspective on the future of artificial intelligence. In a recent essay, Altman explores the intersection between rapid progress in AI, politics and the economy, including global AI governance, wealth inequality and how AI could change the geopolitical balance of power. He ultimately concludes on an optimistic note, noting that the AI revolution “will generate enough wealth for everyone to have what they need, if we as a society manage it responsibly.”

Former ServiceNow CEO Frank Sloatman has branded himself as an unstoppable force in the tech industry, leading companies with an iron fist and demanding excellence from his constituents. Taking the reins as Snowflake's CEO in 2019, Sloatman has ignited another aggressive transformation to shift the cloud-based data warehouse to a multifunctional data hub capable of outracing the industry's largest competitors. In this piece, Alex Konrad unravels Sloatman's playbook for turning Silicon Valley's next cautionary tale into the fifth largest tech-listing in the United States.

A decade ago, IBM's Watson supercomputer defeated Ken Jennings, the best human “Jeopardy!” player ever. IBM executives said that their artificial intelligence would transform industries, generate fortunes for the company, and start a technological revolution. In What Ever Happened to IBM's Watson? New York Times Technology Reporter Steve Lohr traces the company's missteps with Watson that have led IBM to settle on a far less ambitious AI strategy, suggesting that “the march of artificial intelligence through the mainstream economy, it turns out, will be more step-by-step evolution than cataclysmic revolution.”

```

<style type="text/css">
p3{
  color: ■ blue;
}
</style>

<link rel="stylesheet" type="text/css" href="prac.css">

```

```

p3{
  color: ■ orange;
  font-size: 25px;
}
p3{
  color: ■ palevioletred;
  font-size: 25px;
}

```



As the CEO of OpenAI and former President of YCombinator, Sam Altman has a unique perspective on the future of artificial intelligence. In a recent essay, Altman explores the intersection between rapid AI, politics and the economy, including global AI governance, wealth inequality and how AI could impact the geopolitical balance of power. He ultimately concludes on an optimistic note, noting that the AI revolution “will generate enough wealth for everyone to have what they need, if we as a society manage it responsibly.”

Former ServiceNow CEO Frank Sliotman has branded himself as an unstoppable force in the tech industry, leading companies with an iron fist and demanding excellence from his constituents. Taking the reins in 2019, Sliotman has ignited another aggressive transformation to shift the cloud-based data warehouse to a multifunctional data hub capable of outracing the industry's largest competitors. In this piece, Alex Kozlov explores the playbook for turning Silicon Valley's next cautionary tale into the fifth largest tech-listing in the United States.

A decade ago, IBM's Watson supercomputer defeated Ken Jennings, the best human “Jeopardy!” player ever. IBM executives said that artificial intelligence would transform industries, generate fortunes for the company, and start a technological revolution. In What Ever Happened to Watson? New York Times Technology Reporter Steve Lohr traces the company's missteps with Watson that have led IBM to settle on a more cautious AI strategy, suggesting that “the march of artificial intelligence through the mainstream economy, it turns out, will be more of a gradual evolution than cataclysmic revolution.”

## <font-family> tag :

-> font-family:cursive;

```
p3{  
    color:  orange;  
    font-size: 25px;  
}  
p3{  
    color:  palevioletred;  
    font-size: 25px;  
    font-family: fantasy;  
}
```

**A decade ago, IBM's Watson supercomputer intelligence would transform industries. Watson? New York Times Technology Review ambitious AI strategy, suggesting that "the evolution than cataclysmic revolution."**

## ->>> CLASS SELECTOR <<<-

We use classes when we have to apply common CSS rules to certain elements.

In .css file we'll just create a class and use it inside the tag in the .html file.

We use classes for reusability ie particular operation to several elements.

### #Declaration of the class:

```
.class name{  
property:value;  
}
```

```

1 .uppercase{
2     text-transform:uppercase;
3 }
4 .color{
5     color:rgb(151, 10, 57);
6 }
7 .font{
8     font-family: fantasy;
9 }
10 .size{
11     font-size:30px;
12 }
13 .size2{
14     font-size:15px;
15 }

```

```

</head>
<body>
    <h1 class="uppercase" ><u>Various Freelancing Skills</u></h1>
<ol>
<li>
    <h4 class="uppercase font size">Digital Marketing</h4>
    <p>
        Digital marketing is an online promotion and presence building technique
    </p>
</li>
<li><h4 class="uppercase color size2">Stock Market</h4>
    <p>

```

```

<li><h4 class="uppercase font size">Web developement</h4>
  <p class="uppercase">
    Web developers are generally called programmers. T
  </p>
</li>
<li><h4 class="uppercase color size2">Graphic Design</h4>
<p class="size">
  Graphic Designers are commonly employed in web designi
</p>
</li>

```

## VARIOUS FREELANCING SKILLS

### 1. **DIGITAL MARKETING**

Digital marketing is an online promotion and presence building technique. If you want to sell your product in the online market then it needs digital marketing techniques that will increase the reach of customers towards the product. Digital marketing uses digital media and electronic devices to reach the target audience.

### 2. **STOCK MARKET**

The stock market is a place where people can buy and sell pieces of companies. It works like this. If you start a company with your own money and build it into a big business, you're really happy. Except you have one issue. You own the entire company. This sounds really cool and it can be great because you get to keep all the profits of the company. But whenever something goes wrong, and the company loses money, you also lose a lot of value. So you have a lot of your risk concentrated in this company. But maybe you can live with that because you're making a good salary and saving a lot every year.

### 3. **WEB DEVELOPEMENT**

WEB DEVELOPERS ARE GENERALLY CALLED PROGRAMMERS. THEY BRING THE DESIGN MADE BY THE WEB DESIGNERS AND TRANSFORM IT INTO A FULLY FUNCTIONING WEBSITE. THEY USE VARIOUS SOFTWARE AND TOOLS LIKE JAVA SCRIPT, JQUERY, NODE.JS, PHP, ASP, PYTHON, ETC. THEIR MAIN PURPOSE IS TO BUILD A SMOOTH-RUNNING WELL-FUNCTIONING WEBSITE. WEB DEVELOPERS ARE TRUSTWORTHY FOR COLLABORATION WITH UX DESIGNERS, DESIGNERS, AND VISUAL DESIGNERS TO MAKE WEB PAGES BASED ON THE DESIGN SUPPLIED BY THE DESIGNER. WE HAND ON THE KIND OF WEB DEVELOPMENT JOB THEY DO.

### 4. **GRAPHIC DESIGN**

Graphic Designers are commonly employed in web designing businesses.



## ->>>> ID Selector <<<<-

This is used to add the one or more operations to particular element.

Syntax:

(in html file)

`<h1 id="name_of_id">...`

(in css file)

```
#name_of_id{
property:value;
}
```

```
#title{
    color: gold;
    font-family: cursive;
    font-size: 50px;
}
```

```
</head>
<body>
    <h1 id="title"><u>Various Freelancing Skills</u></h1>
<ol>
<li>
```

## Various Freelancing Skills

### 1. **DIGITAL MARKETING**

Digital marketing is an online promotion and presence building technique. If you want to sell your product, digital marketing uses digital media and electronic devices to reach the target audience.

### 2. **STOCK MARKET**

The stock market is a place where people can buy and sell pieces of companies. It works like this. If you own the entire company. This sounds really cool and it can be great because you get to keep all the profits. But you have a lot of your risk concentrated in this company. But maybe you can live with that because you're

### 3. **WEB DEVELOPEMENT**

WEB DEVELOPERS ARE GENERALLY CALLED PROGRAMMERS. THEY BRING THE DESIGN TO LIFE USING VARIOUS SOFTWARE AND TOOLS LIKE JAVA SCRIPT, JQUERY, NODE.JS, PHP, ASP, PYTHON. DEVELOPERS ARE TRUSTWORTHY FOR COLLABORATION WITH UX DESIGNERS, UI DESIGNERS. WILL HAND ON THE KIND OF WEB DEVELOPMENT JOB THEY DO.

### 4. **GRAPHIC DESIGN**

Graphic Designers are commonly employed in web development. They provide an amazing look to the images, web documents, and make a more relaxed job and multiple companies search for unique

## Specificity of Selectors:

Inline > id > class > type

```
</head>
<body>

  <p>Paragraph - Type</p>
  <p class="para-class">Paragraph - Class</p>
  <p class="para-class" id="para-id">Paragraph-ID</p>
  <p>
    <p id="para-id" class="para-class"
      style="color: pink">Paragraph-Inline</p>
  </p>
</body>
</html>
```

```
p{  
  color: ■ red;  
}  
.para-class{  
  color: ■ blue;  
}  
#para-id{  
  color: ■ orange;  
}  
#para-id{  
  color: ■ green;  
}
```

Paragraph - Type

Paragraph - Class

Paragraph-ID

Paragraph-Inline

## ->>> Grouping of CSS Selectors: <<<<-

Instead of doing this

```
p1{
    color: ■ red;
    font-family: fantasy;
}
.color{
    color: ■ red;
    font-family: fantasy;
}
#colorit{
    color: ■ red;
    font-family: fantasy;
}
```

We should do this:

```
p1 , #colorit , .color{
    color: ■ red;
    font-family: fantasy;
}
```

```
<p1>Paragraph - 1</p1>  
<br><br>  
<p2 class="color">Paragraph - 2 </p2>  
<br><br>  
<p3 id="colorit">Paragraph - 3</p3>
```


**Paragraph - 1**

**Paragraph - 2**

**Paragraph - 3**

### ->>>> Nesting of CSS selectors <<<<-

We can also perform nesting of css selectors just writing the selectors one after another with tab space.

```
#setcolor {  
    color:  aqua;  
}
```

```
<div id="setcolor">  
<h4>New Stuff</h4>  
    <p>HEllo</p><br>  
    <p>How are you</p><br>  
    <p1>Myself Chirag</p1><br>  
    <p2>Nice to meet you</p2><br>  
    <p3>Good Bye!</p3><br>  
    <p>C'ya</p><br>  
  
</div>
```


## New Stuff

Hello

How are you

Myself Chirag  
Nice to meet you  
Good Bye!

C'ya

```
1 #setcolor p {  
2     color:  aqua;  
3 }
```

**New Stuff**

Hello

How are you

Myself Chirag  
Nice to meet you  
Good Bye!

C'ya

## ->>>>> Hovering <<<<-

On hovering the cursor over the text the color changes.

```
<body>
  <h1 id="title"><u>Various
    Freelancing Skills</u></h1>
<ol>
<li>
```

```
13 }
14 #title:hover{
15   color: blue;
16 }
17
```



```
-> Syntax : #id_name :hover{  
color :blue ;  
}
```

**Various Freelancing Skills**

**Various Freelancing Skills**