The Stylish world of

CSS

CLASS - 6

A class taught by

CodeWizardsHQ

Code Wizards HQ

Last week,

- ★ Adding Images to web pages
- ★ Controlling Image sizes
- ★ Clickable Images

Show & Tell

"Time to show your awesome webpages"

Css

what is it?

"CSS stands for Cascaded Style Sheet. It provides styling (colors, fonts, sizes etc.) to HTML content"

Three Ways to Add Styling

★ Inline Styles

★ Internal Styles

★ External Styles

Inline Styling

(Using style attribute)
Style = " "

Opening Tag

Closing Tag

`<p style goes here> Text </p>`

Style Attribute

Content

Tag

Property

`<p style = "color:orange;" >Text</p>`

Style Attribute

Value

Adding CSS via Style Attribute

Code

```
<h2 style ="color:red;">
    Hillary Clinton
</h2>
```

Output

Hillary Clinton

Tag

Property

Different CSS properties are separated by a semicolon

`<p style = "color:orange; background:green;" >`

Style Attribute

Value

Add more than one CSS property.

Code

```html
<h2 style ="color:red; font-style:italic;">
    Hillary Clinton
</h2>
```

Output

Hillary Clinton

Exercise 6.1

Output

Hillary Clinton

Hillary Clinton is an American politician. She is presumptive nominee of the Democratic Party.

"Add a paragraph using <p> tag Style it so that color is green and it's italic in style."

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CHEAT CODES

```
1. Style attribute in <p> tag
   <p style = "property: value;">
       Text here
   </p>


2. Property to make text green
   color: green;


3. Property to italicize text
   font-style: italic;
```

6.1 Add a paragraph with green text.

Code

```
<h2 style ="color:red;
font-style:italic;">
    Hillary Clinton
</h2>


<p style="color:green;
font-style:italic;">
    Hillary Clinton is an American
politician. She is presumptive
nominee of the Democratic Party
</p>
```

Output

Hillary Clinton

Hillary Clinton is an American politician. She is presumptive nominee of the Democratic Party

Internal Styling

(Using style tag)
<style> </style>

```html
<html>
    <head>
        <style>
            Style goes here
        </style>
    </head>


    <body>


    </body>

</html>
```

Style tag ← `<style>`

Selector ← `p {` → Selector block starts and ends with curly brackets ({})

`color:green;`
`}`

`</style>`

Property

Value

Adding CSS via Style Tag

```
<p>
      Hillary Clinton is the first female
candidate to gain that status for a major
American political party.
</p>
```

```
<style>
p {
      color:green;
}
</style>
```

Hillary Clinton is an American politician. She is presumptive nominee of the Democratic Party

Style tag

`<style>`

Selector

`p {`

Selector block starts and ends with curly brackets ({ })

```
color:green;
font-style: italic;
}

</style>
```

Property

Value

Exercise 6.2

Hillary Clinton is the first female candidate to gain that status for a major American political party.

"Now let's add another paragraph, make it blue and italic but this time we will use <style> tag "

CHEAT CODES

```
1. Adding style tag
    <head>
        <style>
            //style <p> tag
            p {
                property: value;
            }
        </style>
    </head>

2. Property to make text green
    color: green;

3. Property to italicize text
    font-style: italic;
```

6.2 Making text italic with Style Tag

Code

```
<style>
p {
    color:blue;
    font-style:italic;
}
</style>
```

Output

Hillary Clinton is the first female candidate to gain that status for a major American political party.

External Styling

Using <link> tag

Inline Style - the HTML file

```html
<html>
    <head>
        <style>
            Style goes here
        </style>
    </head>


    <body>


    </body>


</html>
```

External Style - the html file

```html
        <head>
            Link to CSS file
        </head>
```

External Style - the CSS file

```
    Style goes here
```

Basic CSS Properties

"A list of some very basic CSS properties"

1 background-color

Code

```
p {
    color:red;
}

body {
    background-color:yellow;
}
```

Output

This text should appear red .

2 border

Code

```css
p {
    color:red;
    border: 1px;
}

body {
    background-color:yellow;
}
```

Output

This text should appear red .

3 text-align

```
p {
    color:red;
    text-align:center;
}

body {
    background-color:yellow;
}
```

This text should appear red .

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4 font-weight

Code

```
p {
    color:red;
    font-weight:bold;
}

body {
    background-color:yellow;
}
```

Output

This text should appear red .

Exercise 6.3

Hillary Clinton is the first female candidate to gain that status for a major American political party.

"Add styles text-align, font-weight to <p>. Change background color of <body> to yellow."

CHEAT CODES

```
1. Selector for <p> tag
    p {
            property: value;
    }
2. Selector for <body> tag
    body {
            property: value;
    }

3. Property to make text align center
    text-align:center;

4. Property to bold text
    Font-weight:bold;

5. Property to make background color red
    background-color:red;
```

4 Solution to Exercise 6.3

Code

```css
p {
    color:green;
    font-style:italic;
    font-weight:bold;
    text-align:center;
}

body {
    background-color:yellow;
}
```

Output

Hillary Clinton is the first female candidate to gain that status for a major American political party.

Today we learned,

```
1. Selector for <p> tag
    p {
            property: value;
    }
2. Selector for <body> tag
    body {
            property: value;
    }
3. Property to make text align center
    text-align:center;

4. Property to bold text
    Font-weight:bold;

5. Property to make background color red
    background-color:red;
```

Bonus

"Adding and using fonts from google-fonts"

Open site https://fonts.google.com

https://fonts-google.com

Google Fonts   DIRECTORY   FEATURED   ABOUT

PT Serif
ParaType (4 styles)

My two natures had memory in common.

Titillium Web
Multiple Designers (11 styles)

Silver mist suffused the deck of the ship.

PT Sans Narrow
ParaType (2 styles)

The face of the moon was in shadow.

Muli
Vernon Adams (14 styles)

She stared through the window at the stars.

Indie Flower
Kimberly Geswein (1 style)

The recorded voice scratched in the speaker.

Bitter
Huerta Tipográfica (3 styles)

The sky was cloudless and of a deep dark blue.

Dosis
Impallari Type (7 styles)

The spectacle before us was indeed sublime.

Fjalla One
Sorkin Type (1 style)

Then came the night of the first falling star.

Taviraj
Cadson Demak (18 styles)

Waves flung themselves at the blue evening.

Yantramanav
Erin McLaughlin (6 styles)

चमकीला कोहरा जहाज़ के पूरे डेक पर छा गया.

Inconsolata
Raph Levien (2 styles)

All their equipment and instruments are alive.

Oxygen
Vernon Adams (3 styles)

A red flair silhouetted the jagged edge of a wing.

Search

Categories
☑ Serif
☑ Sans Serif
☑ Display
☑ Handwriting
☑ Monospace

Sorting
Trending ▾

Languages
All Languages ▾

Number of styles ☐

Thickness ☐

Slant ☐

Width ☐

Click on + sign of font you like

https://fonts.google.com

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Languages
All Languages ▾

Number of styles
☐

Thickness
☐

Slant
☐

Width
☐

1 Family Selected

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Open the **family selected** tab

Code.html

```
<html>
<head>
     <link href="https://fonts.googleapis.com/css?family=Inconsolata"
rel="stylesheet">
</head>
<body>
....
```

From the **family selected** tab

https://fonts-google.com

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Languages
All Languages ▾

Number of styles

Thickness

Slant

Width

Add this css to element where we want this font

1 Family Selected

Your Selection   Clear All

Inconsolata ⊖

EMBED   CUSTOMIZE   Load Time: Fast

Embed Font
To embed your selected fonts into a webpage, copy this code into the <head> of your HTML document.

STANDARD   @IMPORT

```
<link href="https://fonts.googleapis.com/css?family=Inconsolata" rel="stylesheet">
```

Specify in CSS
Use the following CSS rules to specify these families:

```
font-family: 'Inconsolata', monospace;
```

For examples of how fonts can be added to webpages, see the getting started guide.

font-family

Code.html

```
<html>
<head>
<link
href="https://fonts.googleapis.com/css?family=Inconsolat
a" rel="stylesheet">
</head>
```

Code.css

```
p {
  color:red;
  font-family:'Inconsolata', monospace;
}

body {
  background-color:yellow;
}
```

Output

This text should appear in a font named inconsolata.

Before next class,

★ Write the name of 7 colors in rainbow, each in it's own p tag.
   ○ Color them accordingly using CSS such that red is written in red color , yellow in yellow and so on.
   ○ Make them bold and italic.
★ Answer the quiz
★ Get excited!

Bye!
See you in
next class

A class taught by

CodewizardsHQ