

# J220

## Coding for Journalists

LECTURER  
Soo Oh

### PROMPTS

Download homework review  
files on  
<https://journ220.github.io>

start Zoom recording + captions

# Agenda

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Importing fonts

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Homework

# Homework review

## Assignment 03-06: CSS

Go to [class website](#) and scroll down to today's lecture for [CSS and grading criteria](#).

## Which property is used to change text color?

- color
- foreground-color
- font-color
- text-color
- background-color

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## Bonus question: Of these options, which are valid CSS properties?

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- background-color



# Differences between **id** and **class**

## HTML

```
<p id="first" class="intro">This is the first paragraph!</p>
<p class="intro">This is the 2nd paragraph with a "class" intro, but it's not the first paragraph.</p>
<p class="intro">This is the 3rd paragraph with a "class" intro, but it's not the first paragraph.</p>
```

## CSS

```
#first {
  font-size: 2rem;
}
.intro {
  color: white;
}
```

**id** Only used **ONCE** in HTML. Used to style **ONE** element.

CSS selector is **#**

**class** Used to style **multiple** elements.

CSS selector is **.**

## Write a CSS style that changes all `<h3>` elements with the following values:

- the background of the elements should have the value of `#000000`
- the font color should be `#ffffff`
- the padding of the elements should be `1rem` all around

```
h3 {  
  background-color: #000000;  
  color: #ffffff;  
  padding: 1rem;  
}
```

## Write a CSS style that changes all <h3> elements with the following values:

- the background of the elements should have the value of #000000
- the font color should be #ffffff
- the padding of the elements should be 1rem all around

```
h3 {  
  background-color: #000000;  
  color: #ffffff;  
  padding: 1rem;  
  
  /* VARIATIONS ON PADDING */  
  
  /* top/bottom sides */  
  padding: 1rem 1rem;  
  
  /* top sides bottom */  
  padding: 1rem 1rem 1rem;  
  
  /* style for each dimension*/  
  padding-left: 1rem;  
  padding-top: 1rem;  
  padding-right: 1rem;  
  padding-bottom: 1rem;  
}
```

**Write a CSS style that changes all <p> elements with a class of "introduction" the following values:**

- the margins at the top and bottom of the elements are both 2rem
- the text size is 1.2rem
- the text font is Times New Roman (and has appropriate fallback options)
- the text color has a hex value of #111111
- the line-height is 1.5

```
p.introduction {  
  margin-top: 2rem;  
  margin-bottom: 2rem;  
  font-size: 1.2rem;  
  font-family: 'Times New Roman', serif;  
  line-height: 1.5;  
  color: #111111;  
}
```

## Write a CSS style that changes all <p> elements with a class of "introduction" the following values:

- the margins at the top and bottom of the elements are both 2rem
- the text size is 1.2rem
- the text font is Times New Roman (and has appropriate fallback options)
- the text color has a hex value of #111111
- the line-height is 1.5

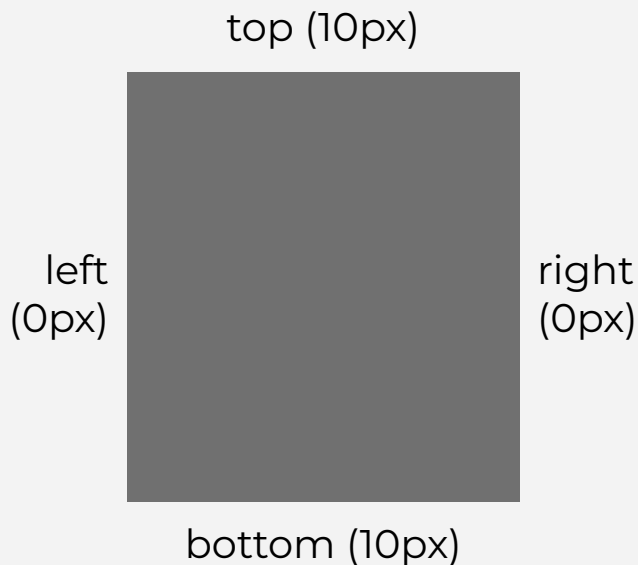
```
p.introduction {  
  margin-top: 2rem;  
  margin-bottom: 2rem;  
  
  /* variations on margin */  
  margin: 2rem 0; /* OR */  
  margin: 2rem auto;  
  
  font-size: 1.2rem;  
  font-family: 'Times New Roman', serif;  
  line-height: 1.5;  
  
  /* variation on font w/o line-height,  
  so you'll still need to have line-height as  
  a property */  
  font: normal 1.2rem 'Times New Roman', serif;  
  
  /* variation on font WITH line-height */  
  font: normal 1.2rem/1.5 'Times New Roman', serif;  
  
  color: #111111;  
}
```

# Homework review

Assignment 02-27: Hand-code HTML #1

Go to [class website](#), scroll down to today's lecture, and download [example](#).

# margin vs. padding



Any of these are acceptable ( just choose one):

✓ `margin: 10px 0px 10px 0px;`  
*top right bottom left*

✓ `margin: 10px 0px;`  
*top+bottom left+right*

✓ `margin: 10px 0px 10px;`  
*top sides bottom*

✓ `margin-top: 10px; margin-bottom:`  
`10px;`

These shortcuts  
also apply to  
**padding!**

What questions  
do you have?



# Importing fonts

# Importing fonts

How do you add special fonts to your website?

**Google Fonts** is the easiest way: <https://fonts.google.com>

**Adobe Fonts** is the next easiest way but might cost money:  
<https://fonts.adobe.com>

# Google Fonts

Go to <https://fonts.google.com>.

Find a font you like.

Click into the font page.

# Select each version of the style you like

Light 300

Whereas recognition of the inherent dignity

Select Light 300 +

Light 300 Italic

*Whereas recognition of the inherent dignity*

Select Light 300 Italic +

Regular 400

Whereas recognition of the inherent dignity

Select Regular 400 +

Regular 400 Italic

*Whereas recognition of the inherent dignity*

Select Regular 400 Italic +

The more styles you select, the longer it will take for your website to load.

# Select each version of the style you like

Light 300

Whereas recognition of the inherent dignity

Select Light 300 +

Light 300 Italic

*Whereas recognition of the inherent dignity*

Select Light 300 Italic +

Regular 400

Whereas recognition of the inherent dignity

Select Regular 400 +

Regular 400 Italic

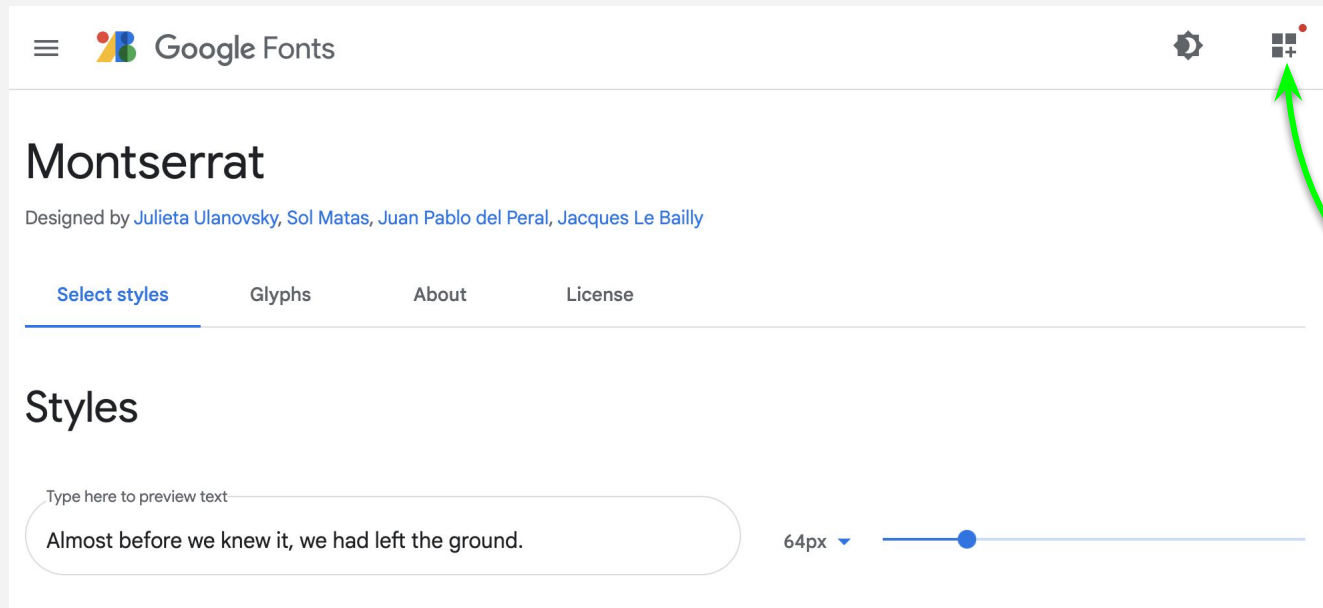
*Whereas recognition of the inherent dignity*

Select Regular 400 Italic +

300, 400, etc. is font-weight  
italic is font-style

The more styles you select, the longer it will take for your website to load.

# View your selected font families

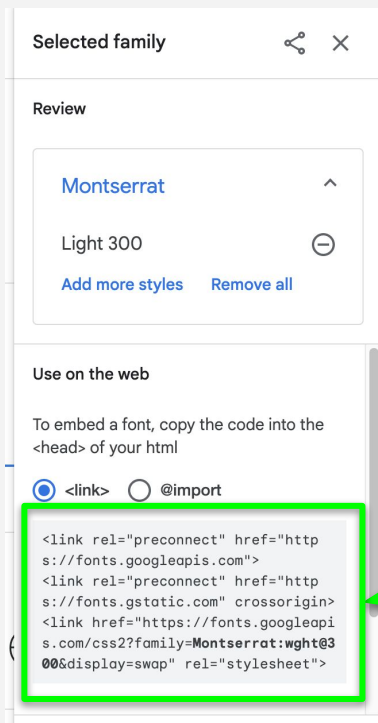


Open up this  
icon here.

# A panel will open up...

Copy this text and paste it into the **<head>** of your HTML page.

It doesn't matter whether you use the **<link>** version or the **@import** version.



# Add the font to your CSS files

CSS rules to specify families

```
font-family: 'Montserrat', sans-serif;
```

I recommend putting font-family within body, like so:



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



What questions  
do you have?

# **In-class activity:**

## Make a web portfolio

# Homework

<https://journ220.github.io>

There's only an  
**extra credit**  
**survey!**  
Work on your  
**portfolio** and **catch**  
**up** (or **get ahead**)  
on lecture.