FEWD-18 Class code

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*2:46 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1444502798000020)

```<!DOCTYPE html>  
<html>  
<head>  
    <title>Cookie Recipe</title>  
</head>  
<body>  
  
<!--  
Cookie Recipe CSS  
=================  
  
- The background color for the page is #FFE  
- The color for the text reading "Nutrition Information" is #887  
- The link color is #900  
  
Bonus: The border on the page and around the image is black  
-->  
  
<header>  
<h1>The Best Chocolate Chip Cookies</h1>  
  
<p>Recipe by: My Grandma<br>  
Prep Time: 45 Min</p>  
</header>  
  
<h2>INGREDIENTS</h2>  
  
<ul>  
    <li>1 1/2 cup (3 sticks) softened butter</li>  
    <li>1 cup brown sugar</li>  
    <li>1 cup granulated sugar</li>  
    <li>1 Tbl vanilla instant pudding powder</li>  
    <li>2 Tbl milk</li>  
    <li>2 Tbl vanilla extract</li>  
    <li>2 eggs</li>  
    <li>4 cups all purpose flour</li>  
    <li>2 tsp baking soda</li>  
    <li>1/2 tsp salt</li>  
    <li>4 cups chocolate chips</li>  
    <li>1 cup chopped walnuts or pecans(optional)</li>  
</ul>  
  
<p>How to make Mama's Recipe:</p>  
  
<ol>  
    <li>Preheat oven to 350 degrees</li>  
    <li>Beat butter and sugars together until light and fluffy</li>  
    <li>Stir in pudding mix milk and vanilla extract</li>  
    <li>Beat in eggs</li>  
    <li>Add dry ingredients and stir until combined.</li>  
    <li>Stir in chocolate chips and nuts.</li>  
    <li>Place 1 1/2 inch balls of dough 2 inches apart on an un greased cookie sheet.</li>  
    <li>Bake 8-10 minutes or until golden brown.</li>  
</ol>  
  
<aside>  
<h2>Nutrition Information</h2>  
  
<p>Probably bad for you, but who cares. MMMMMM COOKIES!!!! nom nom nom</p>  
</aside>  
  
<p>So, in case you didn't know, your grandma didn't actually make this recipe, it was altered from Open Source Recipe "<a href="http://www.opensourcefood.com/people/Amanori/recipes/mamas-recipe-the-best-chocolate-chip-cookies" target="\_blank">http://www.opensourcefood.com/people/Amanori/recipes/mamas-recipe-the-best-chocolate-chip-cookies</a>"</p>  
  
<p>Sorry to break the news.</p>  
  
</body>  
</html>```

[**Tim Foley**](https://dcfewd18.slack.com/team/timfoley) [*[*4:35 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1444509316000021) <http://robertakarobin.com/>

***-----***

**October 12th**

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[**Tor Johnson**](https://dcfewd18.slack.com/team/kasigi) [*[*9:24 AM*]*](https://dcfewd18.slack.com/archives/class-code/p1444656251000002) *joined #class-code by invitation from*[*@nickgrace*](https://dcfewd18.slack.com/team/nickgrace)

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**October 17th**

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[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*12:38 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1445099892000003)

```body {  
    font-family: sans-serif;  
    line-height: 1.5;  
}  
  
h1 {  
    background:red;  
    border: 5px solid black;  
    padding:15px;  
}  
  
p {  
    background:blue;  
    color: white;  
    border: 5px solid black;  
    padding: 15px;  
}  
  
li {  
    margin-bottom: 10px;  
}  
  
code {  
    font-family: monospace;  
    background:white;  
    color:black;  
    padding: 3px;  
    border: 1px solid black;  
    }  
  
    ```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*1:09 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1445101761000004)

```body {  
  font-family: Georgia, serif;  
  line-height: 1.4;  
  margin: 3em;  
  color: #888;  
}  
  
h1, em {  
    color:black;  
}  
  
p {  
    margin-top: 1.4em;  
}  
  
blockquote {  
    border-left: 5px solid #eeeeee;  
    padding-left: 10px;  
    margin: 0;  
  
}  
  
blockquote p {  
    font-style:italic;  
}  
  
blockquote em {  
    font-style:normal;  
}```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*3:55 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1445111705000005)

```<!DOCTYPE html>  
<html>  
<head>  
    <title>Floating</title>  
    <link rel="stylesheet" type="text/css" href="styles.css">  
</head>  
<body>  
  
<header>  
  <div class="placeholder">  
    Header  
  </div>  
</header>  
  
<section id="main">  
  <div class="placeholder">  
    Main Content  
  </div>  
</section>  
  
<aside>  
  <div class="placeholder">  
    Sidebar Content  
  </div>  
</aside>  
  
<footer>  
  <div class="placeholder">  
    Footer  
  </div>  
</footer>  
      
</body>  
</html>```

[​*[*3:56*]*](https://dcfewd18.slack.com/archives/class-code/p1445111803000006)

```.placeholder {  
  border: 1px solid black;  
  background: rgba(255,255,255,.6);  
  padding: 20px;  
  height: 150px;  
  margin: 10px;  
}```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*4:40 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1445114423000007)

```html {  
  box-sizing: border-box;  
}  
\*, \*:before, \*:after {  
  box-sizing: inherit;  
}```

***-----***

**October 20th**

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[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*8:24 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1445387073000008)

```background: url(../images/header\_bg.jpg) no-repeat top center #131e27;```

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**October 24th**

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[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*12:08 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1445702923000009)

```.container {  
    background: #D8D8D8;  
    margin-bottom: 20px;  
    padding: 50px;  
}  
  
header,  
footer {  
    clear: both;  
    float: left;  
    width: 100%;  
}  
  
.main {  
    float: left;  
    width: 60%;  
    margin-right: 20px;  
}  
  
.sidebar {  
    float: left;  
    width: 35%;  
}  
  
```

[​*[*12:08*]*](https://dcfewd18.slack.com/archives/class-code/p1445702934000010)

```<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <title>Layout 1</title>  
    <link rel="stylesheet" type="text/css" href="styles.css">  
</head>  
<body>  
  
    <header>  
        <div class="container"></div>  
    </header>  
  
    <section class="main">  
        <div class="container"></div>  
    </section>  
  
    <nav class="sidebar">  
        <div class="container"></div>  
    </nav>  
  
    <footer>  
        <div class="container"></div>  
    </footer>  
      
</body>  
</html>  
```

[​*[*12:12*]*](https://dcfewd18.slack.com/archives/class-code/p1445703174000011)

```.container {  
    background: #D8D8D8;  
    border: 1px solid #AFAFAF;  
    margin-bottom: 20px;  
    padding: 50px;  
}  
  
header,  
footer {  
    clear: both;  
    float: left;  
    width: 100%;  
}  
  
.main {  
    float: left;  
    width: 62%;  
    margin-right: 20px;  
}  
  
.sidebar {  
    float: right;  
    width: 35%;  
}```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*3:03 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1445713402000012) Startup Matchmaker  
DEVELOPERS  
DESIGNERS  
How it Works  
Our Team  
Blog  
Because two brains taste are better than one.  
Meet your Match!  
Have a great idea for a product, but need help making it a reality? We’re here to help. Startup Matchmaker is the best place for designers and developers to find each other.CREATE A PROFILE  
Create a Profile  
Are you a Designer? Developer? Put yourself out there so that others can find you!SIGN UP NOW  
Find a Developer  
Looking for a fantastic developer to work with on the next big thing? Look no further.START YOUR SEARCH  
Find a Designer  
Need someone who can make a product intuitive and appealing? Get ready.START YOUR SEARCH  
© 2013 Startup Matchmaker. Made in NY.

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*4:07 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1445717224000013) '''

[​*[*4:07*]*](https://dcfewd18.slack.com/archives/class-code/p1445717225000014)

<!doctype html>  
<html lang="en-us">  
<head>  
    <title>Startup Matchmaker</title>  
    <link rel="stylesheet" href="reset.css">  
    <link rel="stylesheet" href="style.css">  
</head>  
<body><header class="smt\_nav\_outer">  
<h1 class="smt\_nav\_logo">Startup Matchmaker</h1><ul class="smt\_nav\_menu">  
    <li><a href="">Developers</a></li>  
    <li><a href="">Designers</a></li>  
    <li><a href="">How it Works</a></li>  
    <li><a href="">Our Team</a></li>  
    <li><a href="">Blog</a></li>  
</ul></header><div class="smt\_tagline">  
Because two brains taste are better than one.  
</div><!-- end smt\_tagline --><div class="smt\_homebanner">  
    <div class="smt\_homebanner\_featuredbox">  
<h2>Meet your Match!</h2>  
Have a great idea for a product, but need help making it a reality? We're here to help. Startup Matchmaker is the best place for designers and developers to find each other.  
    </div><!-- end smt\_homebanner\_featuredbox -->  
</div><!-- end smt\_homebanner  -->  
CREATE A PROFILE  
Create a Profile  
Are you a Designer? Developer? Put yourself out there so that others can find you!SIGN UP NOW  
Find a Developer  
Looking for a fantastic developer to work with on the next big thing? Look no further.START YOUR SEARCH  
Find a Designer  
Need someone who can make a product intuitive and appealing? Get ready.START YOUR SEARCH  
© 2013 Startup Matchmaker. Made in NY.    </body>  
    </html>

[​*[*4:07*]*](https://dcfewd18.slack.com/archives/class-code/p1445717260000015)

<link href='http://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700|Oswald:700|Merriweather:700,700italic' rel='stylesheet' type='text/css'>

[​*[*4:08*]*](https://dcfewd18.slack.com/archives/class-code/p1445717333000016)

'''

[​*[*4:08*]*](https://dcfewd18.slack.com/archives/class-code/p1445717334000017)

.smt\_nav\_outer {  
    position:relative;  
    display:block;  
    width:100%;  
    background-color:black;  
    border-bottom:3px solid #FFFF2B

 ;  
    overflow:hidden;  
}.smt\_nav\_logo {  
    width: 320px;  
    font-size:36px;  
    color: #FFFF2B

;  
    font-family: "merriweather", georgia, serif;  
}.smt\_nav\_menu {}.smt\_tagline {  
    background: #CDCDCD

;  
    padding:20px;  
    text-align:center;  
}.smt\_homebanner{  
    position: relative;  
    display: block;  
    clear: both;  
    overflow:hidden;  
    margin:0;  
    padding:0;  
    width:100%;  
    background: url(images/coworking.jpg) no-repeat top center;  
    background-size:cover;  
}.smt\_homebanner\_featuredbox {  
    position: relative;  
    display:block;  
    overflow:hidden;  
    width:400px;  
    float:right;  
    padding: 30px;  
    margin: 30px;  
    background: rgba(255,255,255,0.6);  
}

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*4:14 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1445717661000018)

```<!doctype html>  
<html lang="en-us">  
<head>  
    <title>Startup Matchmaker</title>  
    <link href='http://fonts.googleapis.com/css?family=Source+Sans+Pro:400,700|Oswald:700|Merriweather:700,700italic' rel='stylesheet' type='text/css'>  
    <link rel="stylesheet" href="reset.css">  
    <link rel="stylesheet" href="style.css">  
</head>  
<body>  
  
<header class="smt\_nav\_outer">  
<h1 class="smt\_nav\_logo">Startup Matchmaker</h1>  
  
<ul class="smt\_nav\_menu">  
    <li><a href="">Developers</a></li>  
    <li><a href="">Designers</a></li>  
    <li><a href="">How it Works</a></li>  
    <li><a href="">Our Team</a></li>  
    <li><a href="">Blog</a></li>  
</ul>  
  
</header>  
  
<div class="smt\_tagline">  
Because two brains taste are better than one.  
</div><!-- end smt\_tagline -->  
  
<div class="smt\_homebanner">  
    <div class="smt\_homebanner\_featuredbox">  
<h2>Meet your Match!</h2>  
Have a great idea for a product, but need help making it a reality? We're here to help. Startup Matchmaker is the best place for designers and developers to find each other.  
    </div><!-- end smt\_homebanner\_featuredbox -->  
</div><!-- end smt\_homebanner  -->  
  
  
CREATE A PROFILE  
Create a Profile  
Are you a Designer? Developer? Put yourself out there so that others can find you!  
  
SIGN UP NOW  
Find a Developer  
Looking for a fantastic developer to work with on the next big thing? Look no further.  
  
START YOUR SEARCH  
Find a Designer  
Need someone who can make a product intuitive and appealing? Get ready.  
  
START YOUR SEARCH  
© 2013 Startup Matchmaker. Made in NY.  
  
    </body>  
    </html>```

[​*[*4:14*]*](https://dcfewd18.slack.com/archives/class-code/p1445717673000019)

```.smt\_nav\_outer {  
    position:relative;  
    display:block;  
    width:100%;  
    background-color:black;  
    border-bottom:3px solid #FFFF2B ;  
    overflow:hidden;  
}  
  
.smt\_nav\_logo {  
    width: 320px;  
    font-size:28px;  
    color: #FFFF2B;  
    font-family: "merriweather", georgia, serif;  
}  
  
.smt\_nav\_menu {  
    float:right;  
}  
  
.smt\_tagline {  
    background: #CDCDCD;  
    padding:20px;  
    text-align:center;  
}  
  
.smt\_homebanner{  
    position: relative;  
    display: block;  
    clear: both;  
    overflow:hidden;  
    margin:0;  
    padding:0;  
    width:100%;  
    background: url(images/coworking.jpg) no-repeat top center;  
    background-size:cover;  
}  
  
.smt\_homebanner\_featuredbox {  
    position: relative;  
    display:block;  
    overflow:hidden;  
    width:400px;  
    float:right;  
    padding: 30px;  
    margin: 30px;  
    background: rgba(255,255,255,0.6);  
}```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*4:41 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1445719274000020) <link href='https://fonts.googleapis.com/css?family=Oswald:400,700' rel='stylesheet' type='text/css'>

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*4:47 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1445719665000021)

```.smt\_nav\_outer {  
    position:relative;  
    display:block;  
    width:100%;  
    background-color:black;  
    border-bottom:3px solid #FFFF2B ;  
    overflow:hidden;  
}  
  
.smt\_nav\_logo {  
    float:left;  
    width: 320px;  
    font-size:28px;  
    color: #FFFF2B;  
    margin: 20px;  
    font-family: "merriweather", georgia, serif;  
}  
  
.smt\_nav\_menu {  
    float:right;  
    margin:10px 30px 10px 0;  
}  
  
.smt\_nav\_menu > li {  
    display:inline-block;  
    font-family:'Source Sans Pro',arial,sans-serif;  
    font-size: 20px;  
}  
  
.smt\_nav\_menu > li > a{  
    color: white;  
    text-decoration: none;  
    display:block;  
    padding:10px;  
}  
.smt\_nav\_menu > li > a:hover {  
    color:#FFFF2B ;  
}  
  
  
.smt\_nav\_menu\_featured > a{  
    color: white;  
    text-decoration: none;  
    display:block;  
    text-transform:uppercase;  
    font-weight: bold;  
    padding:10px;  
    font-family:'Oswald', sans-serif;  
}  
  
.smt\_tagline {  
    background: #CDCDCD;  
    padding:20px;  
    text-align:center;  
}  
  
.smt\_homebanner{  
    position: relative;  
    display: block;  
    clear: both;  
    overflow:hidden;  
    margin:0;  
    padding:0;  
    width:100%;  
    background: url(images/coworking.jpg) no-repeat top center;  
    background-size:cover;  
}  
  
.smt\_homebanner\_featuredbox {  
    position: relative;  
    display:block;  
    overflow:hidden;  
    width:400px;  
    float:right;  
    padding: 30px;  
    margin: 30px;  
    background: rgba(255,255,255,0.6);  
}```

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**October 31st**

***-----***

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*11:47 AM*]*](https://dcfewd18.slack.com/archives/class-code/p1446306449000022)

```ROCK, PAPER, SCISSORS  
  
available\_moves = "rock", "paper", "scissors"  
  
user\_move = get move from user  
computer\_move = generate random move  
  
if user\_move is not in available moves  
  then print "Hey! That's not valid!"  
else is user\_move == computer\_move  
  then print "It's a tie!"  
else if user\_move == "rock" and computer\_move == "scissor"  
  then print "You win!"  
else if user\_move == "scissor" and computer\_move == "paper"  
  then print "You win!"  
else if user\_move == "paper" and computer\_move == "rock"  
  then print "You win!"  
else  
  then print "You lose!"```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*12:53 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1446310393000023)

```document.getElementById('grayButton').onclick = switchGray;  
  
function switchGray() {  
  document.getElementsByTagName('body')[0].style.backgroundColor = 'gray';  
  document.getElementsByTagName('body')[0].style.color = 'white';  
}```

[**evr01**](https://dcfewd18.slack.com/team/evr01) [*[*1:14 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1446311680000024)

```document.getElementById('grayButton').onclick = switchGray;  
document.getElementById('whiteButton').onclick = switchWhite;  
document.getElementById('blueButton').onclick = switchBlue;  
document.getElementById('yellowButton').onclick = switchYellow;  
  
  
function switchGray() {  
  document.getElementsByTagName('body')[0].style.backgroundColor = 'gray';  
  document.getElementsByTagName('body')[0].style.color = 'white';  
}  
  
function switchWhite() {  
  document.getElementsByTagName('body')[0].style.backgroundColor = 'white';  
  document.getElementsByTagName('body')[0].style.color = 'black';  
}  
function switchBlue() {  
  document.getElementsByTagName('body')[0].style.backgroundColor = 'blue';  
  document.getElementsByTagName('body')[0].style.color = 'yellow';  
}  
  
function switchYellow() {  
  document.getElementsByTagName('body')[0].style.backgroundColor = 'yellow';  
  document.getElementsByTagName('body')[0].style.color = 'blue';  
}  
```

[**Hasan**](https://dcfewd18.slack.com/team/hasahm) [*[*1:14 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1446311685000025) ...  
document.getElementById('grayButton').onclick = switchGray;  
document.getElementById('whiteButton').onclick = switchWhite;  
document.getElementById('blueButton').onclick = switchBlue;  
document.getElementById('yellowButton').onclick = switchYellow;function switchGray() {  
 document.getElementsByTagName('body')[0].style.backgroundColor = 'gray';  
 document.getElementsByTagName('body')[0].style.color = 'white';  
}function switchWhite() {  
 document.getElementsByTagName('body')[0].style.backgroundColor = 'white';  
 document.getElementsByTagName('body')[0].style.color = 'black';  
}function switchYellow() {  
 document.getElementsByTagName('body')[0].style.backgroundColor = 'yellow';  
 document.getElementsByTagName('body')[0].style.color = 'blue';  
}function switchBlue() {  
 document.getElementsByTagName('body')[0].style.backgroundColor = 'blue';  
 document.getElementsByTagName('body')[0].style.color = 'yellow';  
}

[​*[*1:14*]*](https://dcfewd18.slack.com/archives/class-code/p1446311695000026)

....

[**Tor Johnson**](https://dcfewd18.slack.com/team/kasigi) [*[*2:52 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1446317561000027) ''''  
//Implement the red light using jQuery. Don't forget to add the script tags.  
jQuery(document).ready(function(){   function clearLights(){  
       /\*  
       jQuery('#stopLight').css('background-color','rgb(10,10,10)');  
       jQuery('#slowLight').css('background-color','rgb(10,10,10)');  
       jQuery('#goLight').css('background-color','rgb(10,10,10');  
       \*/  
       jQuery('.bulb').css('background-color','rgb(10,10,10)');  
   }   jQuery('#stopButton').on('click',function(){  
       clearLights();  
       jQuery('#stopLight').css('background-color','rgb(200,0,0)');  
   });   jQuery('#slowButton').on('click',function(){  
       clearLights();  
       jQuery('#slowLight').css('background-color','rgb(255,255,0)');  
   });  
   jQue  
   ry('#goButton').on('click',function(){  
       clearLights();  
       jQuery('#goLight').css('background-color','rgb(0,200,0');  
   });  
});

[**Tor Johnson**](https://dcfewd18.slack.com/team/kasigi) [*[*4:19 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1446322782000028) ''''

[​*[*4:19*]*](https://dcfewd18.slack.com/archives/class-code/p1446322786000029)

''''    function question9(){  
        $("p").css({"color": "blue", "font-family": "Georgia"});  
    }    $("#button3").click(question9);

[**Tor Johnson**](https://dcfewd18.slack.com/team/kasigi) [*[*4:25 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1446323124000030) jQuery('.readmore a').on('click',function(){  
    event.preventDefault();  
      
});

[**Tor Johnson**](https://dcfewd18.slack.com/team/kasigi) [*[*4:48 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1446324513000031) ```  
//Implement the red light using jQuery. Don't forget to add the script tags.  
jQuery(document).ready(function(){function clearLights(){  
   /\*  
    jQuery('#stopLight').css('background-color','rgb(10,10,10)');  
    jQuery('#slowLight').css('background-color','rgb(10,10,10)');  
    jQuery('#goLight').css('background-color','rgb(10,10,10');  
    \*/  
   jQuery('.bulb').css('background-color','rgb(10,10,10)');  
}jQuery('#stopButton').on('click',function(){  
   clearLights();  
   jQuery('#stopLight').css('background-color','rgb(200,0,0)');  
});jQuery('#slowButton').on('click',function(){  
   clearLights();  
   jQuery('#slowLight').css('background-color','rgb(255,255,0)');  
});  
jQuery('#goButton').on('click',function(){  
   clearLights();   //Show Red & Yellow for 1 second  
   jQuery('#stopLight').css('background-color','rgb(200,0,0)');  
   jQuery('#slowLight').css('background-color','rgb(255,255,0)');  
   // Clear Lights  
   //jQuery.clearLights();  
   setTimeout(function(){  
       clearLights();  
       jQuery('#goLight').css('background-color','rgb(0,200,0').delay('2000');  
   }, 1000);  
   // Show Green});  
});

[​*[*4:48*]*](https://dcfewd18.slack.com/archives/class-code/p1446324520000032)

```//Implement the red light using jQuery. Don't forget to add the script tags.  
jQuery(document).ready(function(){  
  
function clearLights(){  
    /\*  
     jQuery('#stopLight').css('background-color','rgb(10,10,10)');  
     jQuery('#slowLight').css('background-color','rgb(10,10,10)');  
     jQuery('#goLight').css('background-color','rgb(10,10,10');  
     \*/  
    jQuery('.bulb').css('background-color','rgb(10,10,10)');  
}  
  
jQuery('#stopButton').on('click',function(){  
    clearLights();  
    jQuery('#stopLight').css('background-color','rgb(200,0,0)');  
});  
  
jQuery('#slowButton').on('click',function(){  
    clearLights();  
    jQuery('#slowLight').css('background-color','rgb(255,255,0)');  
});  
jQuery('#goButton').on('click',function(){  
    clearLights();  
  
    //Show Red & Yellow for 1 second  
    jQuery('#stopLight').css('background-color','rgb(200,0,0)');  
    jQuery('#slowLight').css('background-color','rgb(255,255,0)');  
  
  
    // Clear Lights  
    //jQuery.clearLights();  
    setTimeout(function(){  
        clearLights();  
        jQuery('#goLight').css('background-color','rgb(0,200,0').delay('2000');  
    }, 1000);  
  
  
    // Show Green  
  
});  
});  
```

***-----***

**November 7th**

***-----***

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*11:43 AM*]*](https://dcfewd18.slack.com/archives/class-code/p1446914615000002) Score Keeper

[​*[*11:43*]*](https://dcfewd18.slack.com/archives/class-code/p1446914618000003)

```//Set total number and set it to 0.  
  
var total = 0;  
  
$('#zero').click(zero);  
$('#add5').click(add5);  
$('#add10').click(add10);  
$('#sub1').click(sub1);  
  
//When user clicks     0 add 0.  
  
function zero() {  
    total = 0;  
    $('#result').html(total);  
}  
  
//When user clicks     5 add 5.  
  
function add5() {  
    total = total + 5;  
    $('#result').html(total);  
}  
  
//When user clicks     10 add 10.  
  
function add10() {  
    total = total + 10;  
    $('#result').html(total);  
}  
  
//When user subtracts 1 subtract 1.  
  
function sub1() {  
    total = total - 1;  
    $('#result').html(total);  
}  
  
  
```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*1:09 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1446919745000004) Compare That Code

[​*[*1:09*]*](https://dcfewd18.slack.com/archives/class-code/p1446919748000005)

```$('#submit').click(compare);  
  
function compare() {  
    var a = $('#a').val();  
    //console.log(a);  
  
    var b = $('#b').val();  
    //console.log(b);  
  
    var comparison;  
  
    a = parseInt(a);  
    b = parseInt(b);  
  
    if (a > b) {  
        comparison = '>';  
    } else if (a < b) {  
        comparison = '<';  
    } else if (a === b) {  
        comparison = '===';  
    }  
    else {  
        comparison = 'N/A';  
    }  
  
    $('#comparison').html(comparison);  
}```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*2:57 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1446926230000006) Light Switch

[​*[*2:57*]*](https://dcfewd18.slack.com/archives/class-code/p1446926233000007)

```//Create variable  
var lights = 'on';  
  
//function to add class (IF on)  
// change variable value  
  
// remove class (ELSE off)  
// change variable value  
  
function switchLights() {  
    if(lights == 'on') {  
        $('body').addClass('dark');  
        lights = 'off';  
    } else {  
        $('body').removeClass('dark');  
        lights = 'on';  
    }  
}  
  
//Listen for click and do function  
  
$('#light\_switch').click(switchLights);```

[**Tor Johnson**](https://dcfewd18.slack.com/team/kasigi) [*[*3:12 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1446927179000008) [uploaded a file](https://dcfewd18.slack.com/files/kasigi/F0E333F0E/fewd18-week05-functions.zip)

**[fewd18-week05-functions.zip](https://files.slack.com/files-pri/T0C2CGPDH-F0E333F0E/download/fewd18-week05-functions.zip" \t "new_1450536031286)**

[709KBZip Click to download](https://files.slack.com/files-pri/T0C2CGPDH-F0E333F0E/download/fewd18-week05-functions.zip" \t "new_1450536031286)

[**Add Comment**](https://dcfewd18.slack.com/files/kasigi/F0E333F0E/fewd18-week05-functions.zip)

[**Tor Johnson**](https://dcfewd18.slack.com/team/kasigi) [*[*4:01 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1446930063000009)

```//wait for the DOM elements to load before executing  
$(document).ready(function() {  
  
  // Create a function that runs whenever the submit button is clicked  
    function iHaveBeenClicked(){  
        //prevent the submit button from refreshing the page  
        event.preventDefault();  
  
        //get the value of the #mood input and correct for capitalization  
        var moodvalue = jQuery('#mood').val();  
  
          
        moodvalue = moodvalue.toLowerCase().trim();  
  
        // if the user inputs excited / ecstatic / fantastic change the CSS class to 'excited'  
        if(moodvalue == "ecstatic" || moodvalue == "excited" || moodvalue == "fantastic"){  
            $('.moodring div').addClass('excited');  
        }  
  
  
        // if the user inputs happy/good/great change the CSS class to 'happy'  
  
        // if the user inputs bad/angry change the CSS class to 'bad'  
    }  
  
    jQuery('#submit-btn').click(iHaveBeenClicked);  
  
});```

***-----***

**November 14th**

***-----***

[**jordan-cervantes**](https://dcfewd18.slack.com/team/jordan-cervantes) [*[*10:40 AM*]*](https://dcfewd18.slack.com/archives/class-code/p1447515636000002) ~~~!function($) {  
   $(document).ready(function(){  
   // Passing jQuery through an invoked annonymous function!  
       $("#submit-btn").click(function(event){  
           event.preventDefault();           var inputValue = $("#city-type").val();  
           inputValue = inputValue.toLowerCase();  
             
           var className = "";           switch(inputValue) {  
               case "new york":  
               case "nyc":  
               case "new york city":  
                   className = "nyc";  
                   break;  
               case "san francisco":  
               case "sf":  
               case "bay area":  
                   className = "sf";  
                   break;  
               case "los angeles":  
               case "la":  
               case "lax":  
                   className = "la";  
                   break;  
               case "austin":  
               case "atx":  
                   className = "austin";  
                   break;  
               case "sydney":  
               case "syd":  
                   className = "sydney";  
                   break  
               default:  
                   return;  
           }           $('body').removeClass().addClass(className);  
       });   });  
}(jQuery);~~~

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*11:49 AM*]*](https://dcfewd18.slack.com/archives/class-code/p1447519751000003) Arrays Exercise

[​*[*11:49*]*](https://dcfewd18.slack.com/archives/class-code/p1447519756000004)

```/\*\*  
 \* Javascript Exercise: Data Types  
 \* Most of your answers should be stored in variables   
 called q1, q2 etc.. and the variables printed to the   
 console.  
   
     (i.e) console.log("Question 1" + q1)  
 \*/  
  
/\*\*  
 \* Question 1  
 \* Create an array of image sources. Use image1.png,   
 image2.png, and image3.png as the array values.  
 \*/  
  
var q1 = ['image1.png', 'image2.png', 'image3.png'];  
  
/\*\*  
 \* Question 2  
 \* Using the array from Question 1, store the first   
 element of the array in variable q2.  
 \*/  
  
 var q2 = q1[0];  
  
/\*\*  
 \* Question 3  
 \* Get the length of the first array (number of   
 elements in the array) and store it in variable q3  
 \*/  
  
var q3 = q1.length;  
  
/\*\*  
 \* Question 4  
 \*  Using the array from Question 1, store the last   
 element of the array in variable q4. Hint: How can we   
 get the number of elements in the array?  
 \*/  
  
var q4 = q1[q1.length-1];  
  
/\*\*  
 \* Question 5  
 \*  Using the variables from questions 2 and 4, write   
 code that would change the src of the first image on a   
 web page to the src stored in q2 and the last image on   
 a web page to the src stored in q4. For extra credit,   
 troubleshoot why the images still don't show up.  
 \*/  
  
$("img").eq(0).attr("src", q2);  
$("img").eq(1).attr("src", q4);```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*12:25 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1447521907000005) Carousel

[​*[*12:25*]*](https://dcfewd18.slack.com/archives/class-code/p1447521914000006)

```// Create our variable/array.  
  
var images = ["images/food2.jpg", "images/food3.jpg", "images/food4.jpg", "images/food5.jpg", "images/food6.jpg", "images/food7.jpg"];  
  
var i = 0;  
  
// Listen for click events  
  
$(document).ready(function() {  
    $("#buttons-wrapper .btn[value='Skip']").on("click",nextImage);  
    $("#buttons-wrapper .btn[value='Back']").on("click",previousImage);  
});  
  
// Go to Previous image.  
  
function previousImage() {  
    //If index is greater than 0 increment the image and stop at 0.  
    if (i>0) {  
        i = i-1;  
    }  
    $("#image-to-vote-on").attr("src",images[i]);  
}  
  
// Go to next image.  
function nextImage() {  
    if (i<images.length-1) {  
        i = i+1;  
    }  
    $("#image-to-vote-on").attr("src",images[i]);  
}```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*12:58 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1447523880000007) forEach

[​*[*12:58*]*](https://dcfewd18.slack.com/archives/class-code/p1447523884000008)

```/\*\*  
 \* Javascript Exercise: Data Types  
 \* Most of your answers should be stored in variables called q1, q2 etc.. and the variables printed to the console.  
 \*/  
  
/\*\*  
 \* Question 1  
 \* Create an array of numbers using 1,2,3, and 4 as values. Use forEach to increase each value by 1 and store the value back in the array.  
The end result should be an array of numbers with values 2,3,4,5  
 \*/  
  
var q1 = [1, 2, 3, 4];  
q1.forEach(function(element,index) {  
    q1[index]=++element+2;  
});  
  
/\*\*  
\* Question 2  
\* Create an array of names with Will, Nevan, and Jessica as values. Append each of these names to the class-list element using forEach.   
\*/  
  
var q2 = ["Will", "Nevan", "Jessica"];  
q2.forEach(function(element) {  
    $(".class-list").append("<li>"+element+"</li>");  
});  
  
/\*\*  
 \* Question 3  
 \* Using the array from Question 1, find the average of the numbers in the array (average=sum of all numbers/number of numbers). Store the average in q2.  
 \*/  
  
var q3 = 0;  
  
q1.forEach(function(element,index) {  
    q3 = q3+element;  
});  
q3 = q3/q1.length;```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*1:14 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1447524889000009) [uploaded and commented on a file](https://dcfewd18.slack.com/files/nickgrace/F0EH1SHB5/interactive-developer-exercise.zip)

**[Interactive-Developer-Exercise.zip](https://files.slack.com/files-pri/T0C2CGPDH-F0EH1SHB5/download/interactive-developer-exercise.zip" \t "new_1450536031286)**

[6MBZip Click to download](https://files.slack.com/files-pri/T0C2CGPDH-F0EH1SHB5/download/interactive-developer-exercise.zip" \t "new_1450536031286)

[**1 Comment**](https://dcfewd18.slack.com/files/nickgrace/F0EH1SHB5/interactive-developer-exercise.zip)

Sapient Exercise

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*3:03 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1447531384000010) ```var total = 0;function currencyFormat(number) {  
   // Turn the currency into a number  
   number = parseFloat(number);   // Set the correct decimal places  
   number = number.toFixed(2);   // Add the currency symbol  
   number = "$" + number;   // Return the value  
   return number;  
}function addvalue() {  
   // Create our variables and populate them with values from the document elements  
   var entryElement = document.getElementById('newEntry'),  
       entriesElement = document.getElementById('entries'),  
       totalElement = document.getElementById('total');  
   var entry = entryElement.value;   // Convert the entry from a string to a number  
   entry = parseFloat(entry);   // Format the number as currency  
   var currency = currencyFormat(entry);   // console.log(entry);   // Get the html of the current entries and put it in a variable  
   var entriesHTML = entriesElement.innerHTML;   // Add the new entry to the variable  
   entriesHTML = entriesHTML + "<div>" + currency + "</div>";   // Replace the content of the entries document element with the updated variable  
   entriesElement.innerHTML = entriesHTML;   // Update the total variable  
   //var total = totalElement.innerHTML;  
     
     
   total = parseFloat(total);   total = total + entry;   // Update the document element with the total  
   totalElement.innerHTML = currencyFormat(total);   // Empty the entry element     
}// Set total value to 0.  
// Listen for a click.  
document.getElementById('entryBtn').onclick = addvalue;

[​*[*3:03*]*](https://dcfewd18.slack.com/archives/class-code/p1447531390000011)

```var total = 0;  
  
function currencyFormat(number) {  
    // Turn the currency into a number  
    number = parseFloat(number);  
  
    // Set the correct decimal places  
    number = number.toFixed(2);  
  
    // Add the currency symbol  
    number = "$" + number;  
  
    // Return the value  
    return number;  
}  
  
function addvalue() {  
    // Create our variables and populate them with values from the document elements  
    var entryElement = document.getElementById('newEntry'),  
        entriesElement = document.getElementById('entries'),  
        totalElement = document.getElementById('total');  
  
  
    var entry = entryElement.value;  
  
    // Convert the entry from a string to a number  
    entry = parseFloat(entry);  
  
    // Format the number as currency  
    var currency = currencyFormat(entry);  
  
    // console.log(entry);  
  
    // Get the html of the current entries and put it in a variable  
    var entriesHTML = entriesElement.innerHTML;  
  
    // Add the new entry to the variable  
    entriesHTML = entriesHTML + "<div>" + currency + "</div>";  
  
    // Replace the content of the entries document element with the updated variable  
    entriesElement.innerHTML = entriesHTML;  
  
    // Update the total variable  
    //var total = totalElement.innerHTML;  
      
      
    total = parseFloat(total);  
  
    total = total + entry;  
  
    // Update the document element with the total  
    totalElement.innerHTML = currencyFormat(total);  
  
    // Empty the entry element  
  
      
}  
  
  
  
// Set total value to 0.  
// Listen for a click.  
document.getElementById('entryBtn').onclick = addvalue;```

***-----***

**November 18th**

***-----***

[**Tor Johnson**](https://dcfewd18.slack.com/team/kasigi) [*[*7:33 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1447893212000012) a very basic example of innerHTML

```<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <title>Title</title>  
</head>  
<body>  
  
<p id="theGloriousParagraph">I am a purple platypus</p>  
  
  
<script type="text/javascript">  
    var myParagraph = document.getElementById('theGloriousParagraph');  
      
    var myParagraphText = myParagraph.innerHTML;  
      
    myParagraph.innerHTML = myParagraphText + ". I am NOT a tasmanian devil";  
</script>  
  
</body>  
</html>```

***-----***

**November 21st**

***-----***

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*11:14 AM*]*](https://dcfewd18.slack.com/archives/class-code/p1448122451000013) 960 CSS index file code

[​*[*11:14*]*](https://dcfewd18.slack.com/archives/class-code/p1448122456000014)

```<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <title>Layout 1</title>  
    <link rel="stylesheet" type="text/css" href="css/960.css">  
    <link rel="stylesheet" type="text/css" href="css/styles.css">  
</head>  
<body>  
  
    <div class="container\_12">  
        <div class="grid\_12 box">I am 12 columns wide.</div>  
    </div>  
    <div class="container\_12">  
        <div class="grid\_4 box">  
            <aside>This is an aside.</aside>  
        </div>  
        <div class="grid\_8 box">I am 8 columns</div>  
    </div>  
      
</body>  
</html>```

[​*[*11:17*]*](https://dcfewd18.slack.com/archives/class-code/p1448122625000015)

~~~\* {  
    box-sizing: border-box;  
}.box {  
    background-color: grey;  
    height: 150px;  
    padding: 20px;  
    text-align: center;  
}.container\_12 {  
    margin-bottom: 20px;  
}~~~

[​*[*11:17*]*](https://dcfewd18.slack.com/archives/class-code/p1448122644000016)

```\* {  
    box-sizing: border-box;  
}  
  
.box {  
    background-color: grey;  
    height: 150px;  
    padding: 20px;  
    text-align: center;  
}  
  
.container\_12 {  
    margin-bottom: 20px;  
}  
```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*12:22 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1448126528000017) final layout

[​*[*12:22*]*](https://dcfewd18.slack.com/archives/class-code/p1448126532000018)

```<!DOCTYPE html>  
<html lang="en">  
<head>  
    <meta charset="UTF-8">  
    <title>Layout 1</title>  
    <link rel="stylesheet" type="text/css" href="css/960.css">  
    <link rel="stylesheet" type="text/css" href="css/styles.css">  
</head>  
<body>  
  
    <div class="container\_12">  
        <div class="grid\_12 box">Header</div>  
    </div>  
    <div class="container\_12">  
        <div class="grid\_4 box">Sidebar  
        </div>  
        <div class="grid\_8">  
            <div class="row">  
                <div class="grid\_8 box alpha omega">Top</div>  
            </div>  
            <div class="row">  
                <div class="grid\_6 box alpha"></div>  
                <div class="grid\_2 box omega"></div>  
            </div>  
            <div class="row">  
                <div class="grid\_2 box alpha"></div>  
                <div class="grid\_2 box"></div>  
                <div class="grid\_2 box"></div>  
                <div class="grid\_2 box omega"></div>  
            </div>  
        </div>  
    </div>  
  
    <div class="container\_12">  
        <div class="grid\_12 box">Footer</div>  
    </div>  
  
</body>  
</html>```

[​*[*12:22*]*](https://dcfewd18.slack.com/archives/class-code/p1448126544000019)

css

[​*[*12:22*]*](https://dcfewd18.slack.com/archives/class-code/p1448126547000020)

```\* {  
    box-sizing: border-box;  
}  
  
.box {  
    background-color: grey;  
    height: 150px;  
    padding: 20px;  
    text-align: center;  
}  
  
.container\_12,  
.row {  
    margin-bottom: 20px;  
}  
  
.row {  
    float: left;  
}```

[**Tor Johnson**](https://dcfewd18.slack.com/team/kasigi) [*[*2:24 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1448133888000021) [uploaded a file](https://dcfewd18.slack.com/files/kasigi/F0F2CHUP8/14-lab.zip)

**[14-lab.zip](https://files.slack.com/files-pri/T0C2CGPDH-F0F2CHUP8/download/14-lab.zip" \t "new_1450536031286)**

[2MBZip Click to download](https://files.slack.com/files-pri/T0C2CGPDH-F0F2CHUP8/download/14-lab.zip" \t "new_1450536031286)

[**Add Comment**](https://dcfewd18.slack.com/files/kasigi/F0F2CHUP8/14-lab.zip)

[**Tor Johnson**](https://dcfewd18.slack.com/team/kasigi) [*[*4:37 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1448141823000022)

```$(window).resize(function(){       
  
       if ($('header').width() == 320 ){  
  
              // is mobile device  
  
       }  
  
});```

***-----***

**December 5th**

***-----***

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*11:35 AM*]*](https://dcfewd18.slack.com/archives/class-code/p1449333342000023) Form Code

[​*[*11:35*]*](https://dcfewd18.slack.com/archives/class-code/p1449333346000024)

```<form method="post" action="send.php" enctype="multipart/form-data">  
    <fieldset class="form\_userinfo">  
        <legend class="form\_userinfo-title">User Info</legend>  
        <label for="fname">First Name</label>  
        <input type="text" placeholder="Your Name" id="fname">  
  
        <br>  
  
        <label for="lname">Last Name</label>  
        <input type="text" placeholder="Last Name" id="lname">  
    </fieldset>  
    <br><br>  
  
    <div>Address 1</div>  
    <label for="group1">Are you caffeinated?</label><br>  
    <input type="radio" name="group1" value="Yes"> Yes<br>  
    <input type="radio" name="group1" value="No" checked>No<br>  
  
<br>  
  
    <label for="group2">How many fingers?</label><br>  
    <input type="checkbox" name="group2" value="1">1<br>  
    <input type="checkbox" name="group2" value="2">2<br>  
    <input type="checkbox" name="group2" value="3">3<br>  
  
<br>  
    <label for="datafile">Resume</label>  
    <input type="file" id="datafile">  
  
    <br><br>  
  
    <textarea></textarea>  
    <select>  
        <option value="AR">1</option>  
        <option value="DC">2</option>  
    </select>  
    <input type="submit">  
    <input type="reset">  
</form>```

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*12:07 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1449335261000025) [uploaded an image: Screen Shot 2015-12-05 at 12.07.01 PM.png](https://dcfewd18.slack.com/files/nickgrace/F0G0ACRHR/screen_shot_2015-12-05_at_12.07.01_pm.png)

[**Add Comment**](https://dcfewd18.slack.com/files/nickgrace/F0G0ACRHR/screen_shot_2015-12-05_at_12.07.01_pm.png)

[**hilda.lestrange**](https://dcfewd18.slack.com/team/hilda.lestrange) [*[*12:10 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1449335443000026) [uploaded and commented on a file](https://dcfewd18.slack.com/files/hilda.lestrange/F0G0AF0JX/relaxr_forms_01.zip)

**[relaxr\_forms\_01.zip](https://files.slack.com/files-pri/T0C2CGPDH-F0G0AF0JX/download/relaxr_forms_01.zip" \t "new_1450536031286)**

[710KBZip Click to download](https://files.slack.com/files-pri/T0C2CGPDH-F0G0AF0JX/download/relaxr_forms_01.zip" \t "new_1450536031286)

[**1 Comment**](https://dcfewd18.slack.com/files/hilda.lestrange/F0G0AF0JX/relaxr_forms_01.zip)

[@delinda](https://dcfewd18.slack.com/team/delinda): here’s the folder

[**hilda.lestrange**](https://dcfewd18.slack.com/team/hilda.lestrange) [*[*12:27 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1449336449000027) Pssssst….here’s an html snippet of all the US states :smile: <http://www.freeformatter.com/usa-state-list-html-select.html>

Complete USA state list with HTML snippets to generate SELECT/DROPDOWN controls.

[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*3:37 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1449347820000029) Lab Solution: <http://fewd.kasigi.com/FEWD-DC-18/Week_08_forms_and_things/16_alt_bootstrap/Login%20Form/solution_code/login.html>

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**December 12th**

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[**Nick Grace**](https://dcfewd18.slack.com/team/nickgrace) [*[*2:51 PM*]*](https://dcfewd18.slack.com/archives/class-code/p1449949896000031)

```<link href='http://fonts.googleapis.com/css?family=Lato:300,700,300italic,700italic' rel='stylesheet' type='text/css'>