



Kellogg
School of Management

Welcome to KIEI-924

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Lecturer
@eng

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Teaching
Assistant



Course Website: golearntocode.com/kiei924-winter16
Office Hours: Mondays 12-1 in the Atrium or by appointment

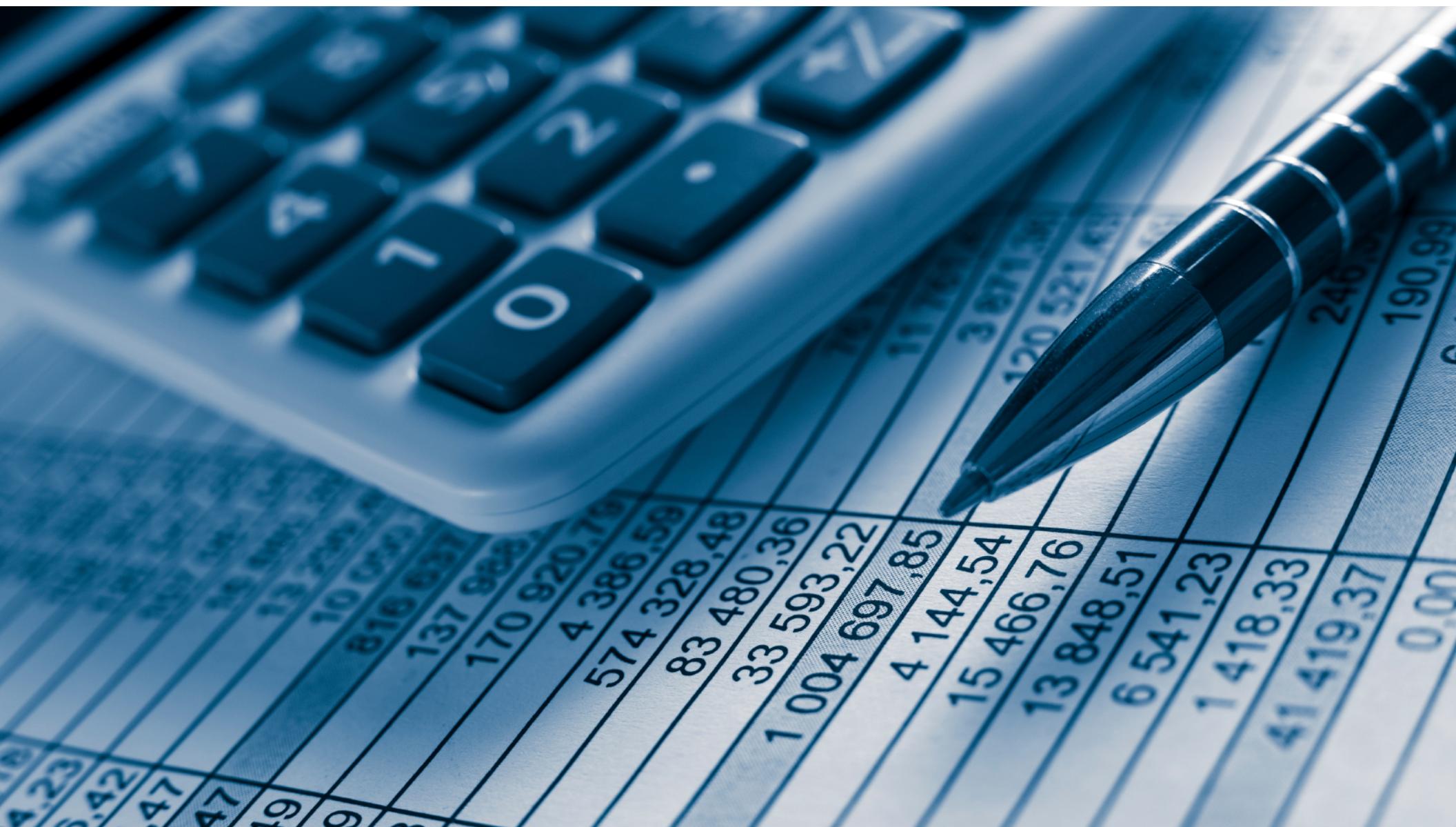
Grading

- Homework = 60% (3 @ 20% each)
- Final = 30%
- Class Participation = 10%

Code

Why we care





(insert your own analogy
with bad clip art)



Coding







ActionScript
APL
Assembly
BASIC
C
C++
C#
Delphi
Erlang
F#
Fortran
Foxpro
Groovy
Haskell
Java

JavaScript
Lisp
Logo
Lua
Objective-C
Pascal
PHP
Python
QBASIC
Ruby
Rust
Smalltalk
Swift
Visual Basic
Visual Basic .NET



Web Browsers

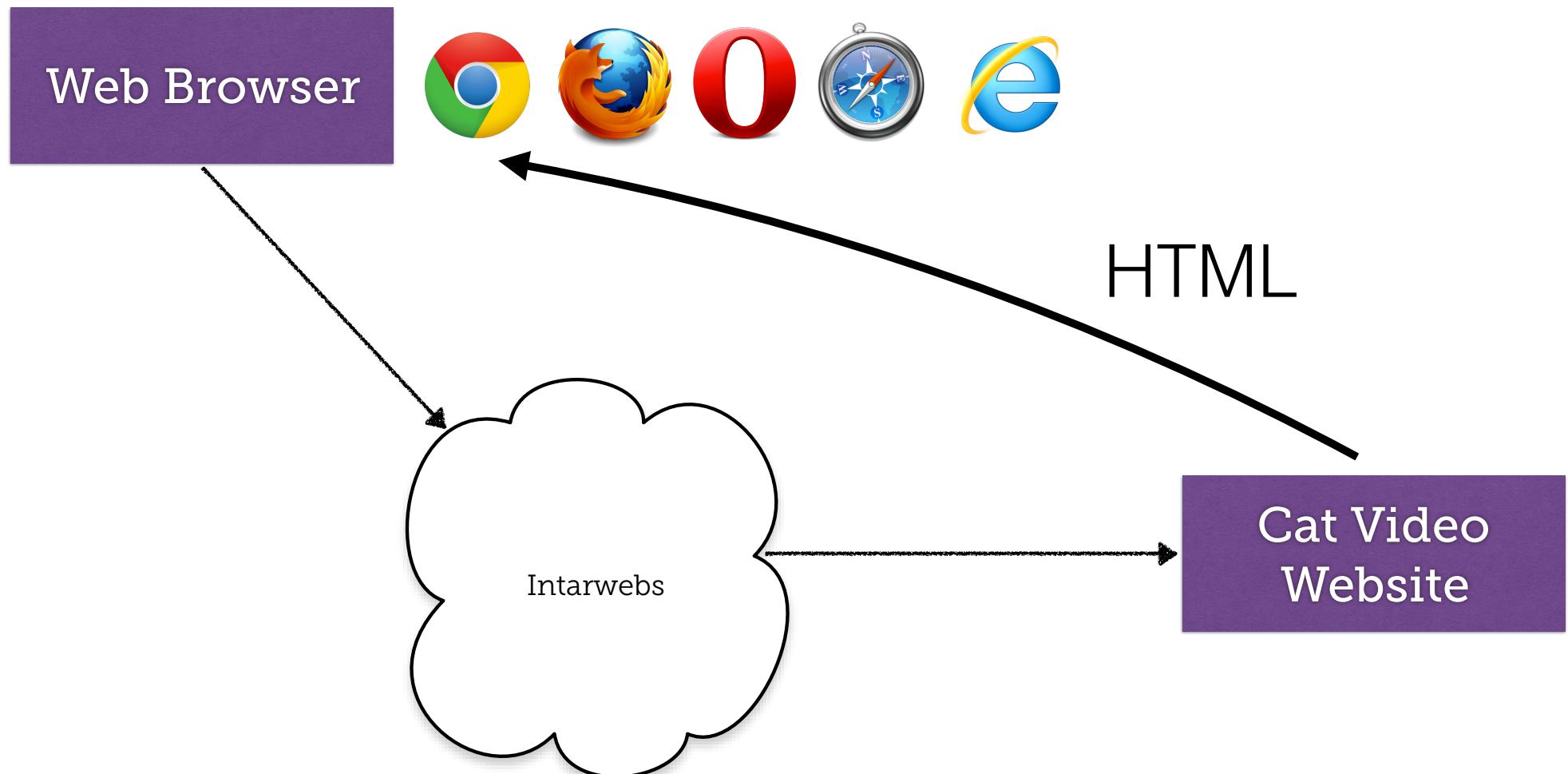




You

"Cat Videos"







积木块 HTML

积木块 CSS

积木块 Javascript

View Source

Code Rhythm

Today

Make a website
Put it on the Internet

<h1>Back to the Future</h1>

Back to the Future

A young man is accidentally sent 30 years into the past in a time-traveling DeLorean invented by his friend, Dr. Emmett Brown, and must make sure his high-school-age parents unite in order to save his own existence.

<p>Dr. Emmett Brown: If my calculations are correct, when this baby hits 88 miles per hour... you're gonna see some serious shit.</p>

```
<ul>
<li>Michael J. Fox as Marty McFly</li>
<li>Christopher Lloyd as Emmett Brown</li>
<li>Lea Thompson as Lorraine Baines</li>
</ul>
```

```
<a href="http://google.com/">Google</a>
<a href="marty.html">Hello, McFly?</a>
```




```
<a href="marty.html"></a>
```

COMPUTERS
ARE
STUPID

```
<a href="marty.html"></a>
```

```
<ul><li>Michael J. Fox as Marty McFly</li>
<li>Christopher Lloyd as Emmett Brown</li>
    <li>Lea Thompson as Lorraine Baines</li>
</ul>
```

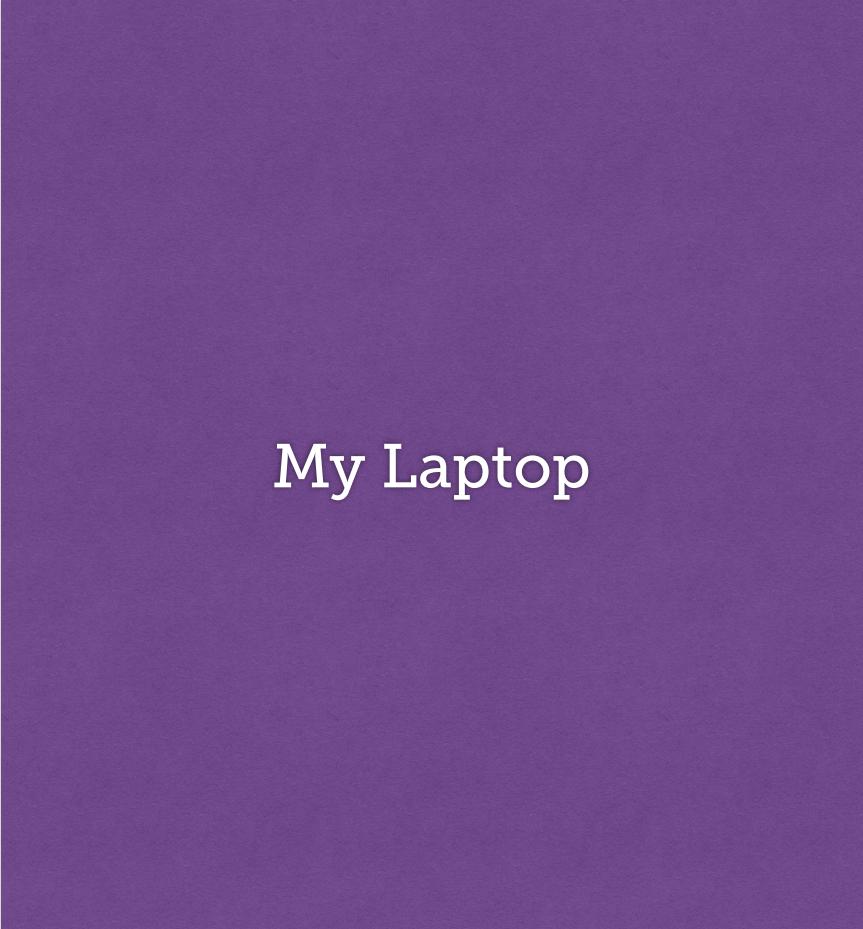
```
<div id="unicorns" class="happy-things"></div>
<div id="rainbows" class="happy-things"></div>
<div id="puppies" class="happy-things"></div>
```

COMPUTERS
ARE
STUPID

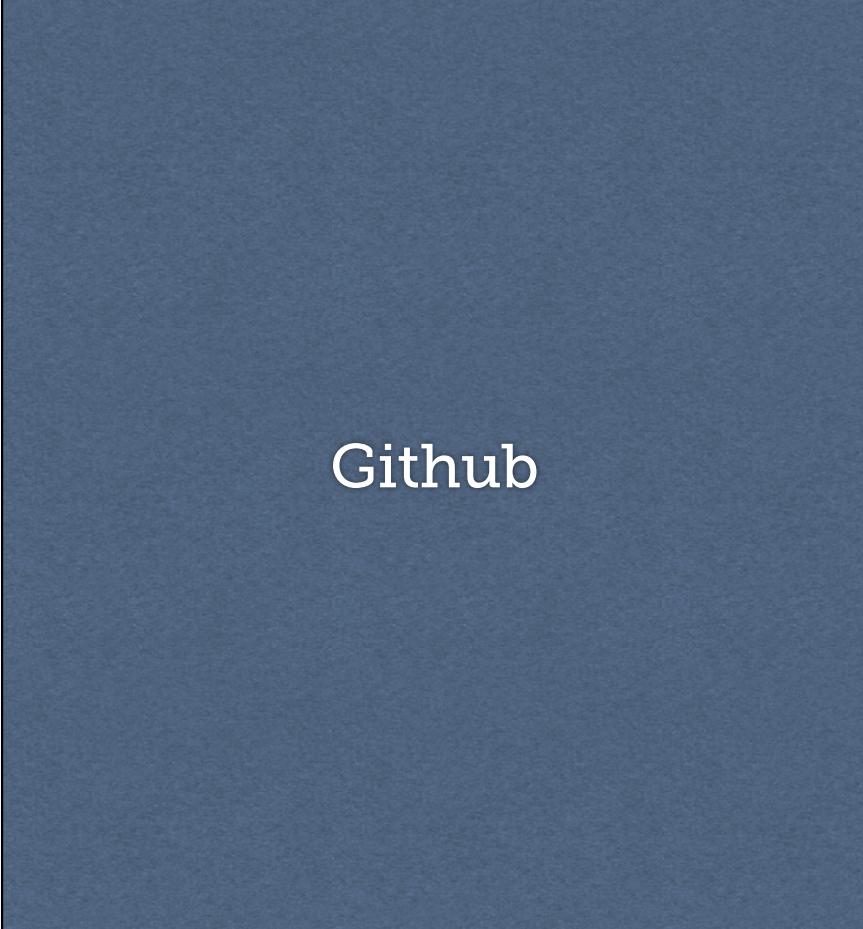
```
<div id="unicorns"></div>
<div id="unicorns"></div>
<div id="unicorns"></div>
```







My Laptop



Github

My Laptop

`~/code/hello`

Github

`https://github.com/eng/hello`

My Laptop

Local Repository
(master)

`~/code/hello`

Github

Remote
(origin)

`https://github.com/eng/hello`

HTML = structure
CSS = presentation
JS = interactivity

CSS

```
<!DOCTYPE html>
<html>
<head>
    <title>Walter White, Chemist</title>
    <meta charset="UTF-8">
    <link rel="stylesheet" type="text/css" href="style.css">
    <script src="http://ajax.googleapis.com/ajax/libs/jquery/2.1.4/jquery.
        min.js"></script>
</head>
```



Selectors

Just enough selectors to be dangerous

Selector	Selects
<code>h1</code>	All H1 tags
<code>h1, p</code>	All H1 and P tags
<code>.happy-things</code>	All elements with happy-things class
<code>#unicorns</code>	The element with the ID unicorns

selector



property



value



```
h1 {  
    color: red;  
    font-weight: 600;  
}
```

```
$("h1")  
$("#unicorns")  
$(".happy-things")
```

.