

this is week 9

fall 2013

playlist50

Haven't Met You Yet (Michael Bublé)

Half Moon Rising (Yonder Mountain String Band)

Hey Brother (Avicii)

agenda

resources

javascript

Dolphin Trainer 2K13

# resources

lecture notes & source code

[cs50.net/shorts](https://cs50.net/shorts)

[study.cs50.net](https://study.cs50.net)

man

Google

[cs50.net/discuss](https://cs50.net/discuss)

ohs

me!

# Quiz 1

Wed 11/20 @ 1:00 PM

75 minutes

covers 0-11; emphasizes 6 onward  
two-sided "one-pager"

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**Tell Jason what you think about his teaching - both positive and constructive comments welcome!**

**Be honest and sincere, you'll stay anonymous:**

Describe Jason Hirschhorn's good or bad qualities here -- this will help him/her to develop.

☐ **Recommended:** Allow Jason Hirschhorn to respond privately. You'll stay anonymous.

**Say it.**



**Jason Hirschhorn** has got **5** anonymous opinions

**Get your feedback URL - 20 second sign-up**

Your full name

Your password

Your feedback URL

**Sign Up**

<http://sayat.me/cs50>



# javascript

“One of the best programming languages currently in existence. Other people will try to tell you otherwise. They are wrong.”

- TMac

# javascript

- client-side scripting language
- syntax is similar to C, PHP
- error-check via the console



# variables

loosely-typed

"var" keyword defines scope

```
// global
```

```
x = 42;
```

```
// local
```

```
var x = 42;
```

# jQuery

```
// in index.html
```

```
<script src="js/jquery.js"></script>
```

```
<script src="js/scripts.js"></script>
```

```
// in scripts.js
```

```
$(document).ready(function()
```

```
{
```

```
    // TODO
```

```
});
```

# Dolphin Trainer 2K13

Just in time for the holidays

# your turn

Please fill in all of the sections with `//`  
TODO comments. Start by reading through  
the code in the following order:

`index.html`

`js/dolphins.js`

`js/trainer.js`