Hello, World!

An introduction to programming
Session 3

Admin Stuff

- Getting into Piazza

- Where's the homework?

- Office Hours - Mondays 5:30-7:30p

- Mentor Center availability

Today

- Review Javascript syntax

- Translate pseudocode to JS

- Functions and arrays in JS

Javascript Review

- Variables

- Loops - for and while

- If/else

- Comments

JS Practice

Go to jsbin.com

Write a for loop that prints the numbers 1 through 10

JS Practice

Write a for loop that prints all multiples of 7 between 1 and 100

Functions

A function is a reusable chunk of code. We can "call" a function whenever we like, giving it the required inputs, and it will carry out some work, often "returning" an answer to us

Functions

```
function hello(name) {
  console.log("Hello " + name);
}
```

Functions

```
function addTwo(value) {
  return value + 2;
}
```

Arrays

```
var myNumbers = [1,3,5,-17];

var myStrings = [“hello”,
“LaunchCode”, “javascript”];

var myMixedArray = [1, “hello”,
“lemonade”, 4.56];
```

Arrays

```
var myNumbers = [1,3,5,-17];

var firstNumber = myNumbers[0];

var secondNumber = myNumbers[1];

var thirdNumber = myNumbers[2];
```

Homework

Javascript exercises are posted on the course page