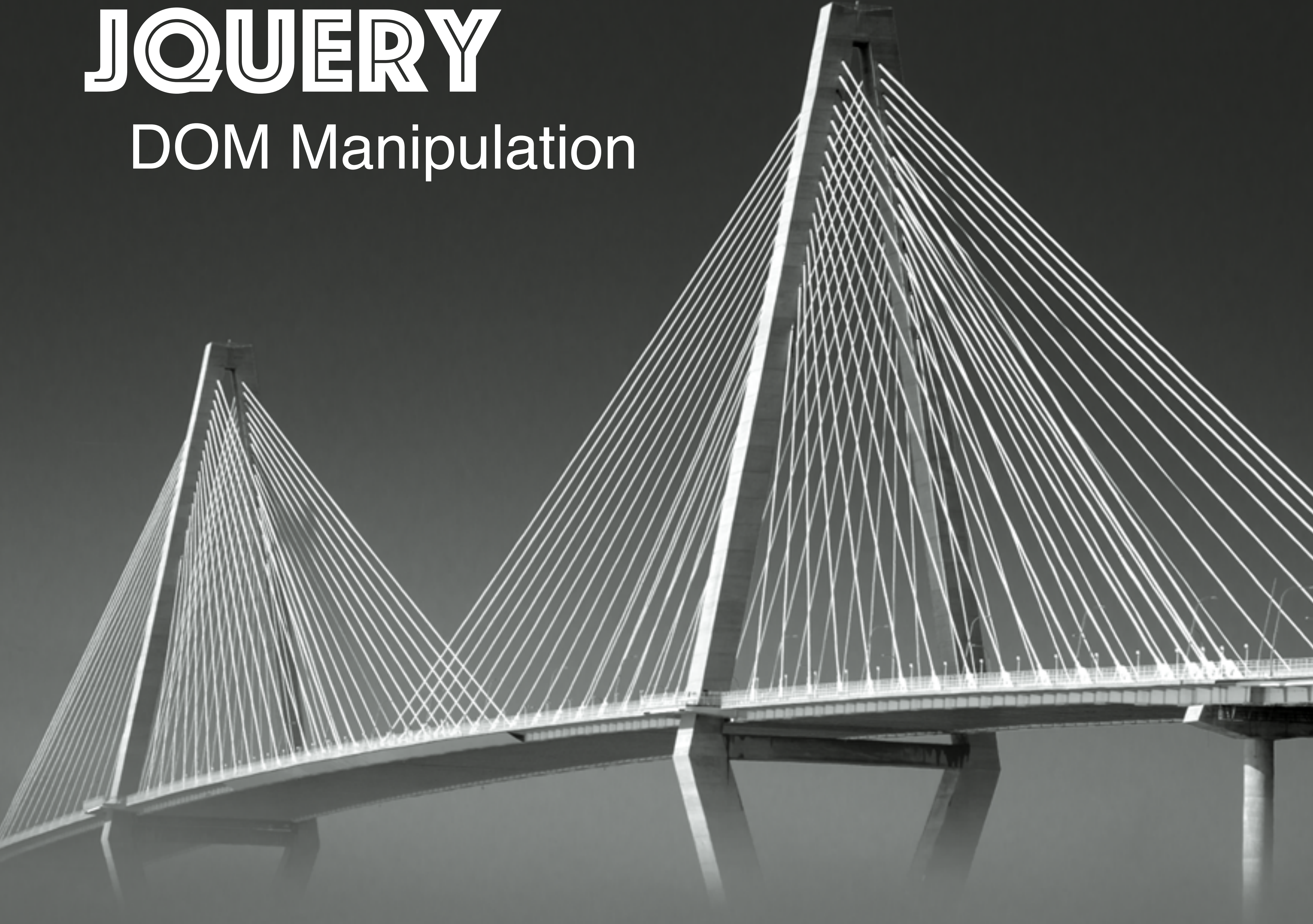
JQUERY

DOM Manipulation



SCOPE

In Javascript, scope refers to what variables you have access to.

2 types of Scope: Global & Local

GLOBAL SCOPE

If a variable is declared outside all functions or curly braces { }, it is said to be defined in the **global scope**.

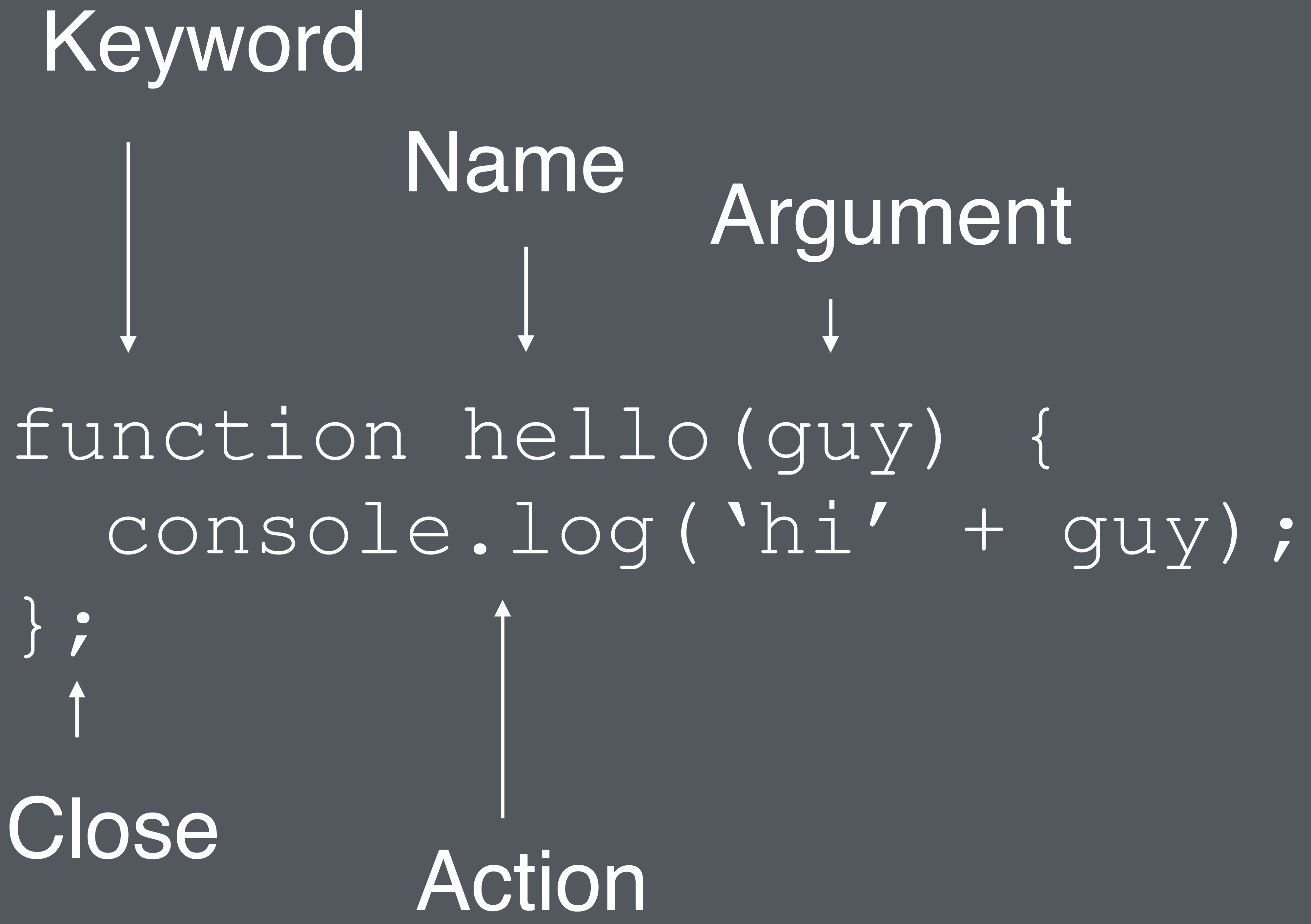
LOCAL SCOPE

Variables that are usable only in a specific part of your code are considered to be in a **local scope**.

Today, we're going to...

PRACTICE A LOT

VANILLA JAVASCRIPT



Keyword

Name

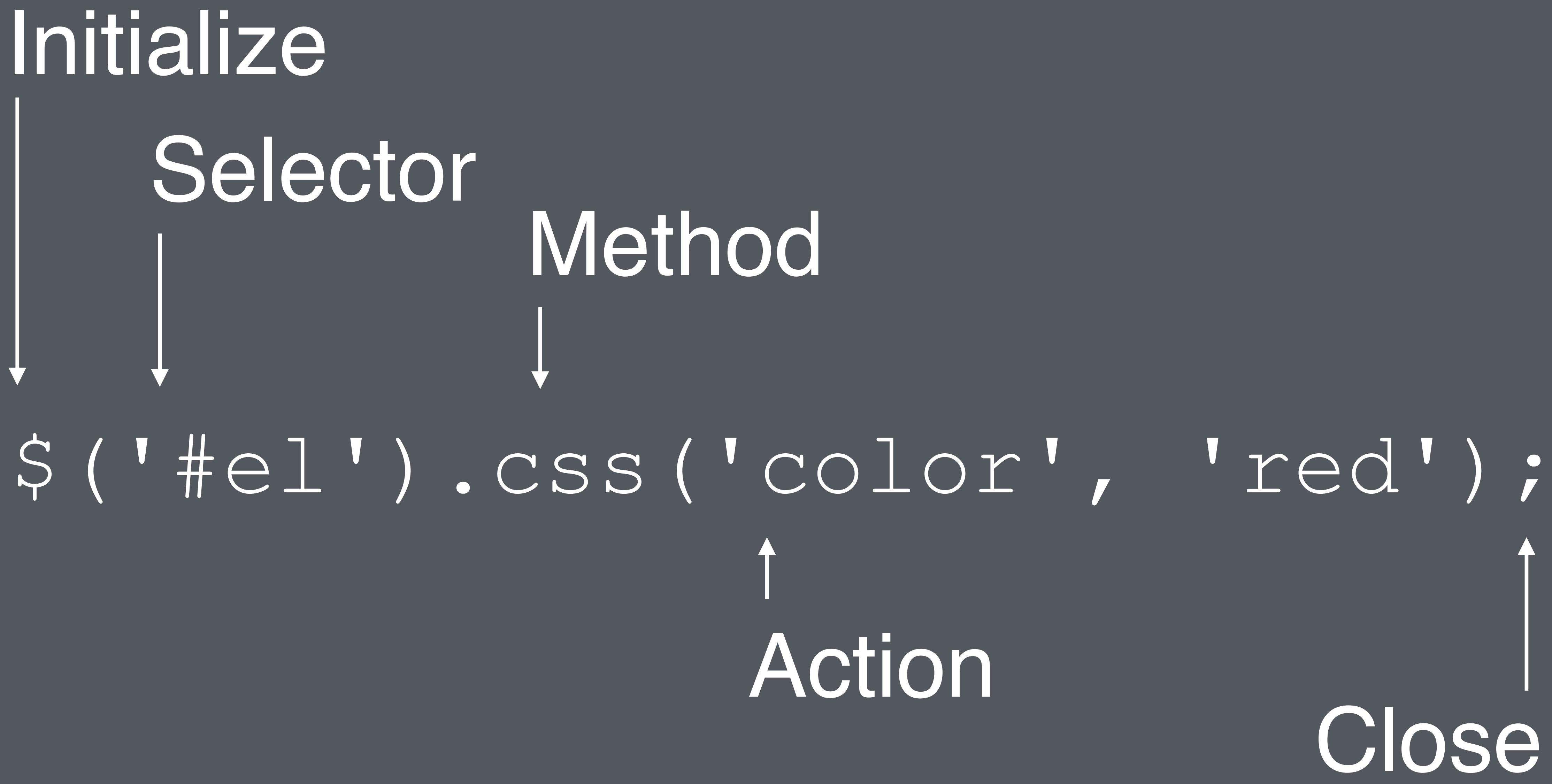
Argument

```
function hello(guy) {
  console.log(‘hi’ + guy);
};
```

Close

Action

JQUERY



Initialize

Selector

Method

```
$('#el').css('color', 'red');
```

Action

Close

jQuery Selectors

What do these do?

```
$("div a")
$("li")
$("#my-element")
$(".class-19")
$("your-class")
$(document)
```

JQUERY METHODS

What do these do?

```
.html();
.text();
.css();
.hide();
.show();
.slideUp();
.slideDown();
.toggleClass();
.ready();
.click();
```

JQUERY IN ACTION

What do these do?

```
$("div a").html();
$(".class-19").text();
$("li").hide();
$(".class-19").toggleClass('container');
```

JQUERY IN ACTION

What do these do?

```
$(document).ready(function {
  $('.container').slideDown();
});

$(document).ready(function {
  $('.container').click(function {
    $('li').css('color', 'red');
  });
});
```

Do this in teams

ASSIGNMENT #1

DOM TRAVERSAL

jQuery gives us the ability to move through the DOM with ease

We'd want to do this when we have to find certain elements on a page and adjust them

JQUERY CHAINING

When moving through the DOM, we often want to find / manipulate at the same time, but how?

```
$("#selector").method().method();
```

Chain jQuery methods together!

.PARENT()

Finds the parent element of a given element in a document

```
$(".box-
example-3").parent().css("background-
color", "red");
```

Notice the chaining pattern - what's going on here? Sequence?

.children()

Finds the children of a parent element in your document

```
$("#container-
parent").children().css("background-
color", "orange");
```

.SIBLINGS()

Finds the sibling elements of a given element in your document

```
$(".box-example-1").siblings().css("background-color", "green");
```

.NEXT() / .PREV()

Finds the next and previous element of a given element in a document

```
$("#box-20").next().css({
  "background-color": "yellow",
  "color": "black"
});
```

.FIND()

Finds the a given element in a document

```
$("#that-crazy-element").find("span").css("color", "red");
```

Careful how you use this. Why ?

preventDefault();

Stops an action in a instruction sequence

```
    event.preventDefault();
```

Where / why would you use this?

DIVE INTO JS SELECTORS

http://codepen.io/staypuftman/pen/BKOXqK
http://codepen.io/staypuftman/pen/reKPNg