

"JavaScript for Kids" Coding Class

**May/June 2015 - 4th and 5th Grade
Lesson 5**

Welcome to Lesson 5!

Lesson 5

- Recap of Lesson 4 (HTML)
- More HTML
 - Colors!
 - Comments
 - For Loops
 - Showing and Hiding Elements
 - Divs

Colors in HTML

Colors in HTML

```
<html>
<head>
  <title>My First Web Page</title>
</head>
<body>
  <h1>My First Web Page</h1>
</body>
</html>
```

Colors in HTML

```
<html>
<head>
  <title>My First Web Page</title>
</head>
<body>
  <h1 style="color:red">My First Web Page</h1>
</body>
</html>
```

**Task: Open colors.html in Firefox,
and change the text**

Comments

**Use `//` to insert comments
anywhere in JavaScript**

Comments

```
var sayHello = function(){  
    // this will say hello  
    console.log('hello');  
};  
// you can put comments anywhere to help you
```

Task: Open comments.html in Firefox, and insert some of your own comments

For Loops

For Loops

```
for (var f=1; f<=10; f++){  
    // do something ten times  
}
```

For Loops

```
for (var f=1; f<=1000; f++){  
    // do something one thousand times  
}
```

**Task: Open forloop.html in
Firefox, and change the number
of lines to 50**

Showing and Hiding Elements

Showing and Hiding Elements

```
<h1 id="simon" style="visibility:hidden">Hello Simon!</h1>  
<h1 id="tessa" style="visibility:visible">Hello Tessa!</h1>
```

Showing and Hiding Elements

```
document.getElementById("simon").style.visibility = "visible";  
document.getElementById("tessa").style.visibility = "hidden";
```

**Task: Open hideme.html in
Firefox, and create a new
sentence that gets hidden and
shown**

Divs

Divs

```
<h1>This is a sentence</h1>
```

```
<h1>This is another sentence</h1>
```

Divs

```
<h1 style="color:red">This is a sentence</h1>
```

```
<h1 style="color:red">This is another sentence</h1>
```

Divs

```
<div style="color:red">  
  <h1>This is a sentence</h1>  
  <h1>This is another sentence</h1>  
</div>
```

Task: Open divs.html and create a new div with three sentences, all set to blue