



Topic 9: JavaScript

Variables

Lecture Contents

- Browser Console
- Declaring a Variable
- The `prompt ( )` function
- Snippet: `swap.js`

Browser Console

- Open a browser console, and at the prompt, type the following, then press *<enter>* :

> 2+5

Browser Console

- Open a browser console, and at the prompt, type the following, then press *<enter>* :
 - > `prompt("What is your name");`

Browser Console

- Open a browser console, and at the prompt, type the following, then press *<enter>* :
 - > `var myName = prompt("What is your name");`

Declaring a Variable

Keyword



```
var myName = "Angela";
```



Name



Value

Browser Console

- Open a browser console, and at the prompt, type the following, then press *<enter>* :

```
> var myName = prompt("What is your name");
```

- Then type the following and press *<enter>* :

```
> myName;
```

- Finally, try the following, followed by *<enter>* :

```
> alert(myName);
```


Browser Console



- Open a browser console, and at the prompt, type the following, then press *<enter>* :

```
> var myName = prompt("What is your name");
```

- Then type the following and press *<enter>* :

```
> myName = "Chris";
```

- Finally, try the following, followed by *<enter>* :

```
> alert(myName);
```



Naming Conventions

- Start with letter [a . . zA . . Z]
- Contain only letter and underscore (_) or dollar sign (\$)
- Camel Case: came`l`Case
-

Complete the Snippet “swap.js”

```
var a = 3;  
var b = 8;
```

```
/** WRITE YOUR CODE HERE */
```

```
/* */
```

```
console.log("a is " + a);  
console.log("b is " + b);
```

📄 a is 8

📄 b is 3

> swap.js

⏪ undefined





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