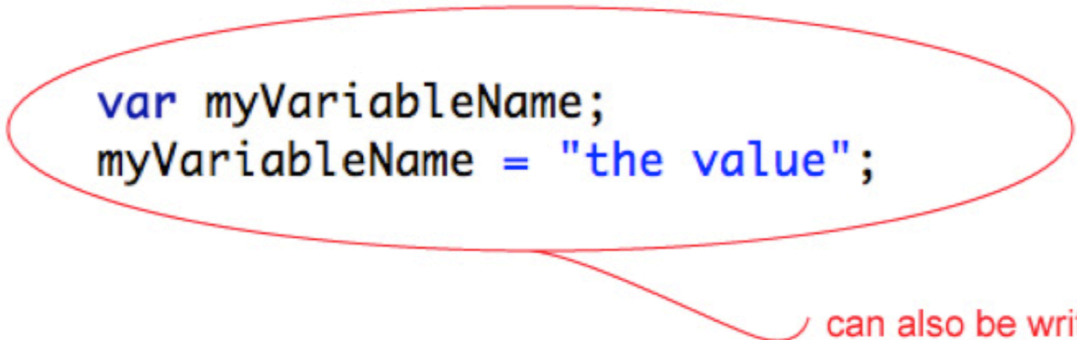# Anatomy of a variable

Var Keyword to start

variable name you create

data stored in the variable

```
var myVariableName = "the value";
```

```
var myVariableName;
myVariableName = "the value";
```

can also be written like this

Anatomy of a simple function

funciton Keyword to start

variable name you create

curly braces { } contain
what is to done - always paired

```
function myFunctionName (){
    // actions to be performed
}
```

```
myFunctionName():
```

the function call, everytime you write this, the function
will run

Anatomy of a bit more complicated function

information that is put into the function to do stuff

```
function myFunctionName (myParameters){
    // actions to be performed
    // myParamenters can be used here
}



myFunctionName(myInfoToSendIntoFunction):
```

information can be added to the funciton call

Anatomy of an if/else statement

if keyword

condition, if it is true, then
do what is in the curly braces

Curly Braces always
paired (main source of
errors)

```
if (myWeather === "rainy"){
    // grab an umbrella
} else {
    // don't need an umbrella
}
```

Anatomy of an if/else statement

if keyword

condition, if it is true, then
do what is in the curly braces

Curly Braces always
paired (main source of
errors)

```
if (myWeather === "rainy"){
    // grab an umbrella
} else if (myWeather === "snowy"){
    // grab a coat
} else {
    // not rainy or snowy

}
```