1. Intro to Objects

Final lesson in this course! Wrap data into one container. Arrays are objects. JS comes with built in objects, and you can create your own objects. Encapsulate everything inside of an object.

1. Objects in Code

Var umbrella = {

color: “pink”,

isOpen: false,

open: function() { // code to open the umbrella}

};

NOTE: typeof is an operator that returns the name of the data type that follows it

1. Quiz: Umbrella (7-1)

close: function() {

if (umbrella.isOpen === false) {

return "The umbrella is already closed!";

} else {

umbrella.isOpen = false;

return "Julia closes the umbrella!";

}

}

1. Objects

Can explain a lot about a person with a custom person object.

1. Object Literals

Key-value pairs. Using sister["parents"] is called bracket notation (because of the brackets!) and using sister.parents is called dot notation (because of the dot!).

1. Naming Conventions

Don’t use numbers as the first letter for an object value. Don’t use quotes for property names. Avoid spaces and hyphens, use camelCase.

1. Summary of Objects

You can define objects using object-literal notation:

var myObj = {

eat: function() { return "yummy" }

};

1. Quiz: Menu Items (7-2)

var breakfast = {

name: "The Lumberjack",

price: 9.95,

ingredients: ["eggs", "sausage", "toast", "hashbrowns", "pancakes"]

};

console.log(breakfast);

1. Quiz: Bank Accounts 1 (7-3)

printAccountSummary: function() {

return "Welcome!\nYour balance is currently $" + this.balance + " and your interest rate is " + this.interestRatePercent + "%.";

}

1. Quiz: Bank Accounts 2 (7-4)
2. Quiz: Facebook Friends (7-5)

var facebookProfile = {

name: "Brian Mascitello",

friends: 0,

messages: [],

postMessage: function(message) {

this.messages.push(message);

},

deleteMessage: function(index) {

this.messages.splice(index, 1);

},

addFriend: function() {

this.friends += 1;

},

removeFriend: function() {

this.friends -= 1;

}

};

1. Quiz: Donuts Revisited (7-6)

donuts.forEach(function(donut) {

console.log(donut.type + " donuts cost $" + donut.cost + " each");

});

1. Lesson 7 Summary

Congratulations Party!