“cake”.length;

confirm("I feel awesome!");

Shows an click OK box

 prompt("What is Ubuntu?"); creates a question box

numbers vs strings which are text with quotes

console.log() will take whatever is inside the parentheses and log it to the console below your code—that's why it's called console.log()!

This is commonly called **printing out**.

* **booleans** (*e.g.* false, 5 > 4)
* > Greater than
* < Less than
* <= Less than or equal to
* >= Greater than or equal to
* === Equal to
* !== **Not** equal to

========================== === ===

"Batman".substring(0,3);

Start count at 0, last number says cut before this one

var varName = data;

if has parens

then has {

else has{

; only within {

var feedback=prompt **no = after var,** yes before prompt

var can be a prompt or function or val

var sayHello = function(name) {

console.log('Hello ' + name);

};

Mdn.com javascript website resource

Install Node program to run javascript, execute

Use libraries

Github

Git is a revision control system, good to learn

Jquery is a library

Chrome developer tools

In chrome cntl shift j to get debug tool

AJAX = Asynchronous javascript and xml

Else if

if (condition1) {

code code code;

} else if (condition2) {

code code code;

} else {

code code code;

}

var compare = function(choice1,choice2) {if (choice1===choice2) {return "The result is a tie!";}};

var compare = function(choice1,choice2) { if (choice1===choice2) {

return "The result is a tie!";

}

else if (choice1 === "rock") {

if(choice2==="scissors") {

return "rock wins";

}

else {

return "paper wins";

}

}

}

---------------------

var userChoice = prompt("Do you choose rock, paper or scissors?");

var computerChoice = Math.random();

if (computerChoice < 0.34) {

computerChoice = "rock";

} else if(computerChoice <= 0.67) {

computerChoice = "paper";

} else {

computerChoice = "scissors";

} console.log("Computer: " + computerChoice);

var compare = function(choice1,choice2) { if (choice1===choice2) {

return "The result is a tie!";

}

else if (choice1 === "rock") {

if(choice2==="scissors") {

return "rock wins";

}

else {

return "paper wins";

}

}

else if (choice1 === "paper") {

if(choice2==="scissors") {

return "scissors wins";

}

else {

return "paper wins";

}

}

else if (choice1 === "scissors") {

if(choice2==="rock") {

return "rock wins";

}

else {

return "scissors wins";

}

}

}

userChoice ("choice1"); computerChoice ("choice2");

-------------------------------------

**Return Keyword – display function result**

// Parameter is a number, and we do math with that parameter

var timesTwo = function(number) {

return number \* 2;

};

// Call timesTwo here!

timesTwo(22);

var newNumber = timesTwo;

console.log( newNumber(22) );

**create function**

function does not have parens, but ‘if statements’ do have

define function with brackets for function:

function quarter(number)

{ number / 4 }

