JavaScript Components

Variables

var y = 2; vs python y=2

console.log(y);

let

const

**Simple JavaScript Function**

**-----------------------------------------------------------------**

// Functions can call other functions

function doubleAddition(c, d) {

var total = addition(c, d) \* 2;

return total;

}

undefined

console.log(doubleAddition(65,34));

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

// Takes two numbers and adds them

function addition(a, b) {

return a + b;

}

undefined

console.log(addition(4, 5));

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

// Simple JavaScript log statement

function printHello() {

return "Hello there!";

}

**-----------------------------------------------------------------------------------**

**FOR LOOP**

let friends = ["Sarah", "Greg", "Cindy", "Jeff"];

undefined

function listLoop(userList) {

for (var i = 0; i < userList.length; i++) {

console.log(userList[i]);

}

}

undefined

listLoop

ƒ listLoop(userList) {

for (var i = 0; i < userList.length; i++) {

console.log(userList[i]);

}

}

listLoop(friends)

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

WITH OUT AN ARRAY

for (var i = 0; i < 5; i++) {

console.log("I am " + i);}

var vegetables = ["Carrots", "Peas", "Lettuce", "Tomatoes"];

for (var i = 0; i < vegetables.length; i++) {

console.log("I love " + vegetables[i]);

}