**index.html**

<!DOCTYPE html>

<html>

<body>

<h1>Javascript – Function<h1>

<script>

**var** x = (2 \* 3) + 5;

**var** y = 3 \* 4;

**var** result = myFunction(2,3);

console.log(result);

**function** myFunction(num1, num2) {

**var** a = num1 \* num2;

**var** b = num1 + num2;

**return**(a + b);

}

console.log( myFunction(3, 4));

**function** toCelcius(f){

**return** (5/9) \* (f-32);

}

console.log("The temperature is "+ toCelcius(60));

</script>

</body>

</html>

**IIFEs\_Callbacks\_Closures.js**

//IIFE and Closure

const empId = (function() {

let count = 0;

return function() {

++count;

return `emp${count}`;

};

})();

console.log("New Emplyee IDs are listed here");

console.log("Alex: "+empId());

console.log("Dexter: "+empId());

console.log("Annie: "+empId());

//Callbacks

console.log("\n"); //to start the output from the neext line

function fullName(firstName, lastName, callback){

console.log("My name is " + firstName + " " + lastName);

callback(lastName);

}

var greeting = function(ln){

console.log('Welcome ' + ln);

};

fullName("Alex", "Wilson", greeting);

console.log("\n");

fullName("Dexter", "Johnson", greeting);

console.log("\n");

fullName("Annie", "Butler", greeting);