**IIFEs, Callbacks, and Closures**

**index.html**

<html>

<body>

<h1>MEAN Stack</h1>

<p> Lesson 3 Demos </p>

<script src="IIFEs\_Callbacks\_Closures.js"></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);