

```
//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 empld = (function() {
  let count = 0;
  return function() {
    ++count;
    return `emp${count}`;
  };
})();

console.log("New Employee IDs are listed here");
console.log("Alex: "+empld());
console.log("Dexter: "+empld());
console.log("Annie: "+empld());
```

```
//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);
```