**IIFEs, Callbacks and Closures**

**IIFEs-Callbacks-Closures.html**

<!DOCTYPE html>

<html lang="en">

<head>

  <meta charset="UTF-8">

  <meta name="viewport" content="width=device-width, initial-scale=1.0">

  <title>IIFE and Closure</title>

</head>

<body>

  <h1>MEAN Stack</h1>

    <p>Lesson 3 Demos</p>

    <script>

      //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");

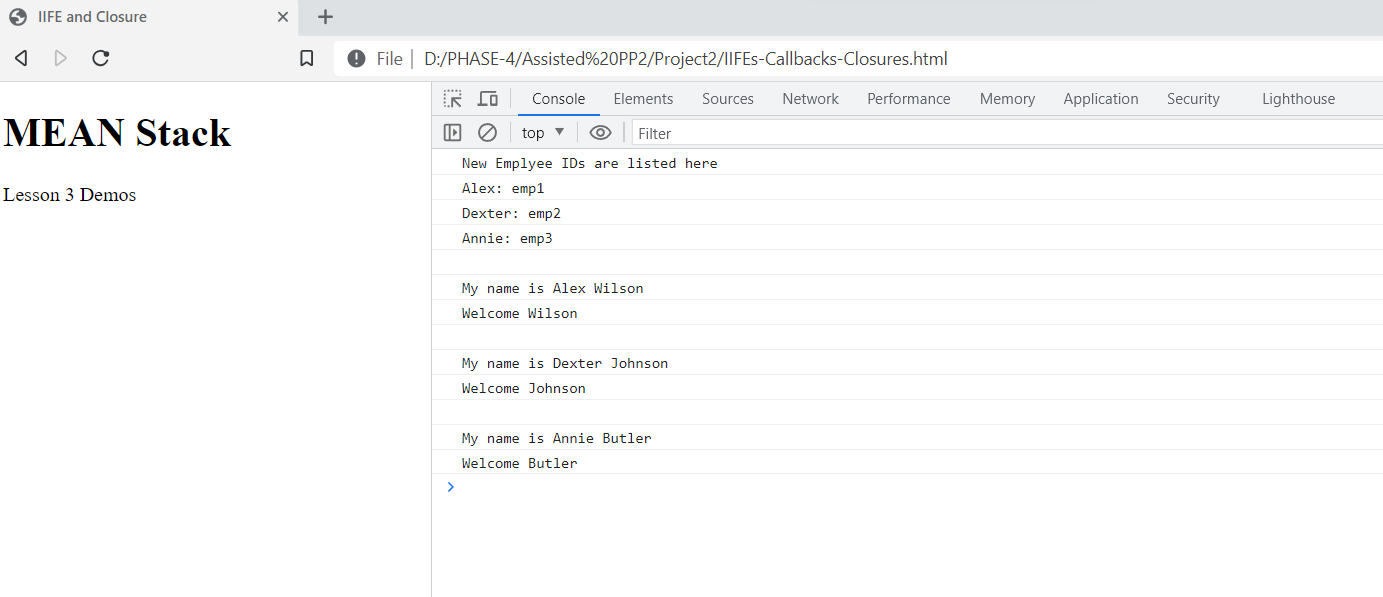
      fullName("Annie", "Butler", greeting);

    </script>

</body>

</html>

**OUTPUT**

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