3.Writing a program in JavaScript to verify implementations of IIFEs, callbacks. and closures:

## Index.html:

## IIFEs, Callbacks and Closures.js:

```
const empid = (function(){
    let count = 0;
    return function(){
        ++count;
        return `emp${count}`;
})();
console.log("New Employee IDs are listed here");
console.log("Alex: "+empid());
console.log("Dexter: "+empid());
console.log("Annie: "+empid());
// Callbacks
console.log("\n");
function fullName(firstName, lastName, callback){
    console.log("My name is "+ firstName + " " + lastName);
    callback(lastName);
var greeting = function(In){
    console.log('Welcome ' + In);
};
fullName("Alex", "Wilson", greeting);
console.log("\n");
fullName("Dexter", "Johnson", greeting);
console.log("\n");
```

## fullName("Annie", "Buttler", greeting);

## **Output:**

