Unit Testing the eCommerce Applications-1 Assignment Solution







Create a promise and callback functions and also their test function and test it.

Create a new file named async.test.js and write your promise and test function:

```
🎪 async.test.js U 🗙
👔 async.test.js > 😭 test("Testing Callback Function") callback > 😭 callback
        * Testing Promise
  5 ∨ function promiseTestFunc(){
          return new Promise((resolve, reject) =>{
                 resolve("Promise Tested");
          });
 10
 11 v test("Testing Promise", ()=>{
         return promiseTestFunc().then((msg)=>{
 13
               expect(msg).toBe("Promise Tested");
          })
       });
 15
 16
 17
```

Similarly write a callback and its test function:

```
18
19
      * Testing a callback function
20
21
      test("Testing Callback Function", done=>{
22
         function callback(data) {
23
24
             try{
                 expect(data).toBe("Called");
25
                 done();
26
             }catch(error){
27
28
                 done(error);
29
             }
30
         }
31
32
        fetchData(callback);
33
      })
34
```



Test Result:

Create another file with a function in it and also, it's test file and run the test.

Create a file named calculator.js with some function as show below:



Now create a test file corresponding to it:

Test Result:

Please find the github <u>link</u> for reference.