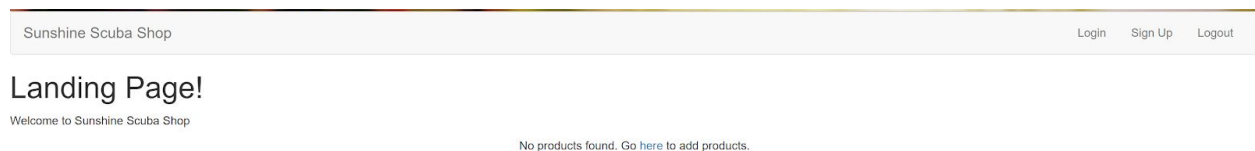


## DB Report 2

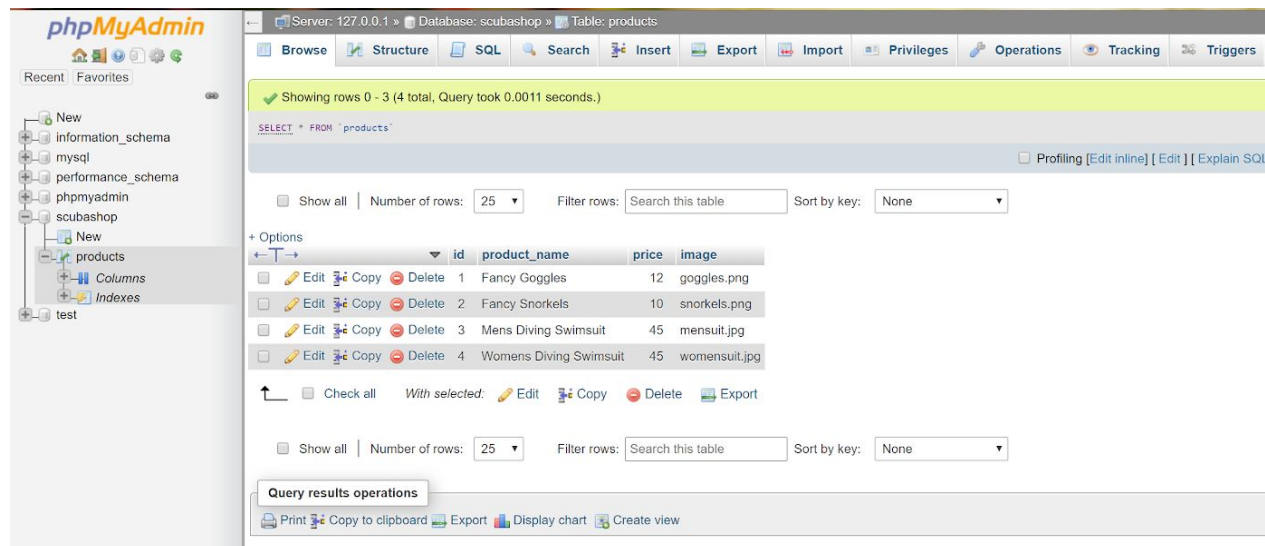
We are using HTML / Javascript / Express for the Graphical User Interface  
JavaScript and Express is also used for application logic.  
We are using XAMPP to connect to phpMyAdmin database.  
Node.JS along with Express is used to host the interface faces on a server.

Below are screenshots of the database and interface.

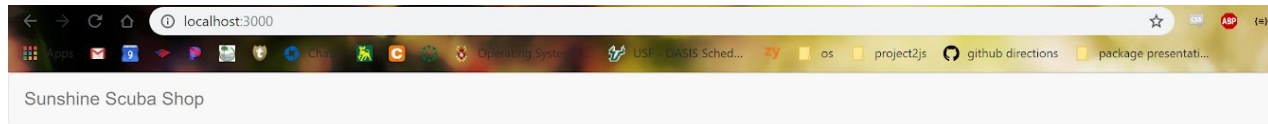
### Working webpage with no products in database



### Working Database



## Working webpage with products in database



## Landing Page!

Welcome to Sunshine Scuba Shop

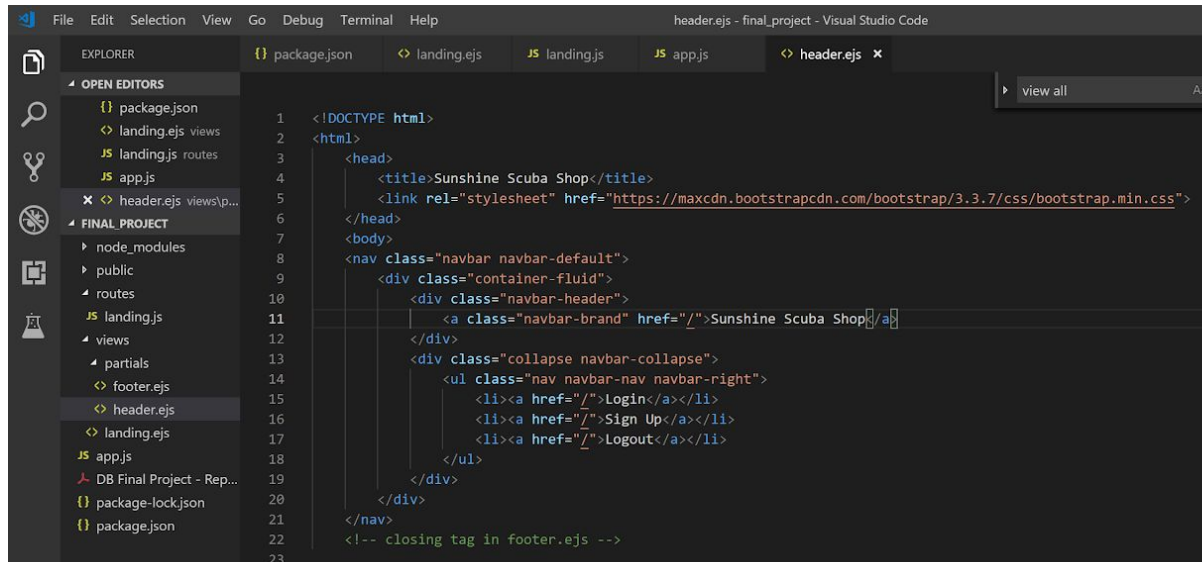
ID	Image	Product Name	Price	
1		Fancy Goggles	12	<a href="#">Edit</a> <a href="#">Delete</a>
2		Fancy Snorkels	10	<a href="#">Edit</a> <a href="#">Delete</a>
3		Mens Diving Swimsuit	45	<a href="#">Edit</a> <a href="#">Delete</a>
4		Womens Diving Swimsuit	45	<a href="#">Edit</a> <a href="#">Delete</a>

Below are screenshots of the working code:

Engine (to run all files):

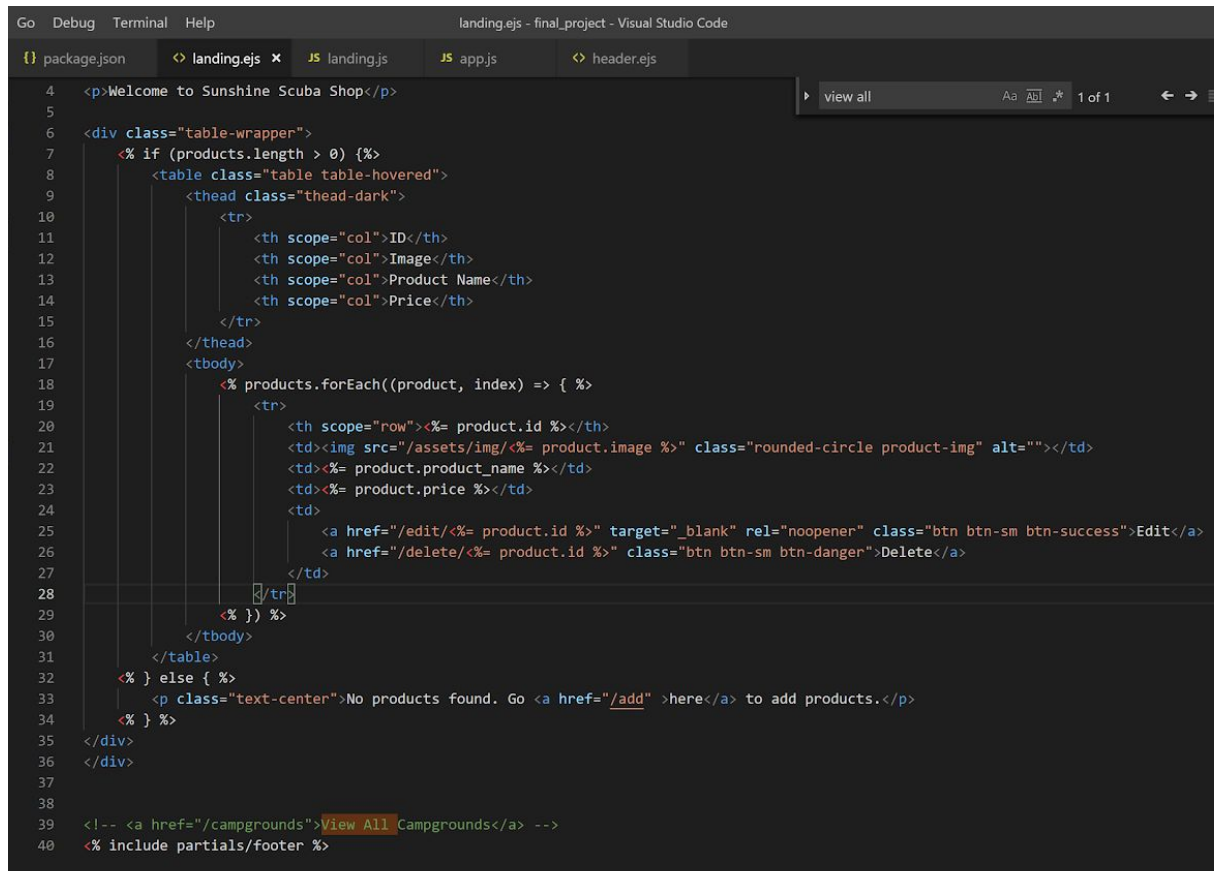
```
Go Debug Terminal Help app.js - final_project - Visual Studio Code
package.json landing.ejs JS landing.js JS app.js x header.ejs view all
1 const express = require('express'),
2   path = require('path'),
3   mysql = require('mysql'),
4   bodyParser = require('body-parser')
5
6 // Create connection
7 const db = mysql.createConnection({
8   host: 'localhost',
9   user: 'root',
10  password: '',
11  database: 'scubashop'
12 })
13
14 const app = express();
15
16 //
17 const {getHomePage} = require('./routes/landing');
18
19 // Connect
20 db.connect((err) => {
21   if(err) {
22     throw err;
23   }
24   console.log('MySQL Connected ... ');
25 })
26
27 global.db = db;
28
29 // landing page
30 app.get('/', getHomePage);
31
32 // configure middleware
33 app.set('port', process.env.port || 3000); // set express to use this port
34 app.set('views', _dirname + '/views'); // set express to look in this folder to render our view
35 app.set('view engine', 'ejs'); // configure template engine
36 app.use(bodyParser.urlencoded({ extended: true }));
37 app.use(bodyParser.json()); // parse form data client
38 app.use(express.static(path.join(__dirname, 'public'))); // configure express to use public folder
39
40 let port = 3000;
41
42 app.listen(port, () => {
43   console.log(' Server started on port: ${port}');
44 })
45
```

## Header code for all pages



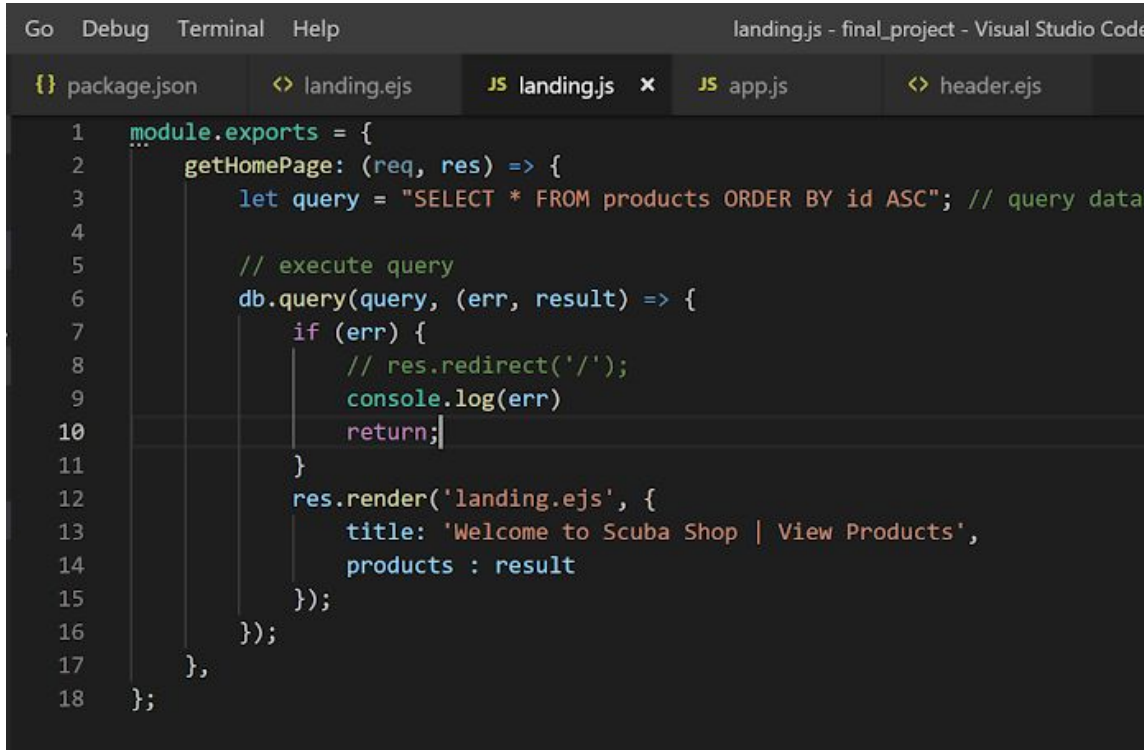
```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Sunshine Scuba Shop</title>
5     <link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/3.3.7/css/bootstrap.min.css">
6   </head>
7   <body>
8     <nav class="navbar navbar-default">
9       <div class="container-fluid">
10        <div class="navbar-header">
11          <a class="navbar-brand" href="/">Sunshine Scuba Shop</a>
12        </div>
13        <div class="collapse navbar-collapse">
14          <ul class="nav navbar-nav navbar-right">
15            <li><a href="/">Login</a></li>
16            <li><a href="/">Sign Up</a></li>
17            <li><a href="/">Logout</a></li>
18          </ul>
19        </div>
20      </div>
21    </nav>
22    <!-- closing tag in footer.ejs -->
23  </body>
24 </html>
```

## Main page



```
4 <p>Welcome to Sunshine Scuba Shop</p>
5
6 <div class="table-wrapper">
7   <% if (products.length > 0) {>
8     <table class="table table-hovered">
9       <thead class="thead-dark">
10        <tr>
11          <th scope="col">ID</th>
12          <th scope="col">Image</th>
13          <th scope="col">Product Name</th>
14          <th scope="col">Price</th>
15        </tr>
16      </thead>
17      <tbody>
18        <% products.forEach((product, index) => { %>
19          <tr>
20            <th scope="row"><%= product.id %></th>
21            <td></td>
22            <td><%= product.product_name %></td>
23            <td><%= product.price %></td>
24            <td>
25              <a href="/edit/<%= product.id %>" target="_blank" rel="noopener" class="btn btn-sm btn-success">Edit</a>
26              <a href="/delete/<%= product.id %>" class="btn btn-sm btn-danger">Delete</a>
27            </td>
28          </tr>
29        <% }) %>
30      </tbody>
31    </table>
32    <% } else { %>
33      <p class="text-center">No products found. Go <a href="/add" >here</a> to add products.</p>
34    <% } %>
35  </div>
36 </div>
37
38
39 <!-- <a href="/campgrounds">View All Campgrounds</a> -->
40 <% include partials/footer %>
```

## Supporting MySQL logic



```
Go Debug Terminal Help landing.js - final_project - Visual Studio Code
{} package.json <> landing.ejs JS landing.js x JS app.js <> header.ejs
1  module.exports = {
2    getHomePage: (req, res) => {
3      let query = "SELECT * FROM products ORDER BY id ASC"; // query data
4
5      // execute query
6      db.query(query, (err, result) => {
7        if (err) {
8          // res.redirect('/');
9          console.log(err)
10         return;
11       }
12       res.render('landing.ejs', {
13         title: 'Welcome to Scuba Shop | View Products',
14         products : result
15       });
16     });
17   },
18 };;
```