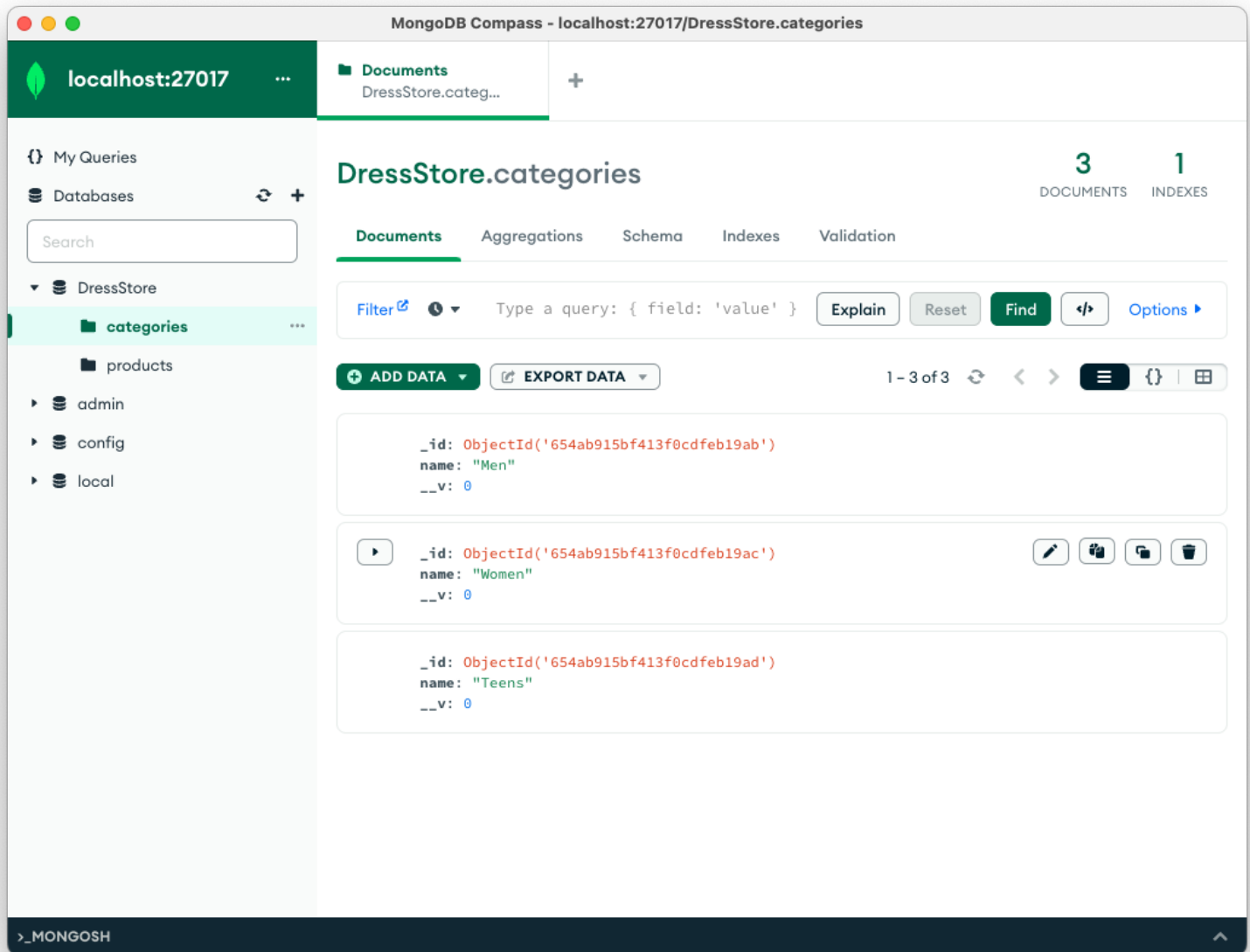
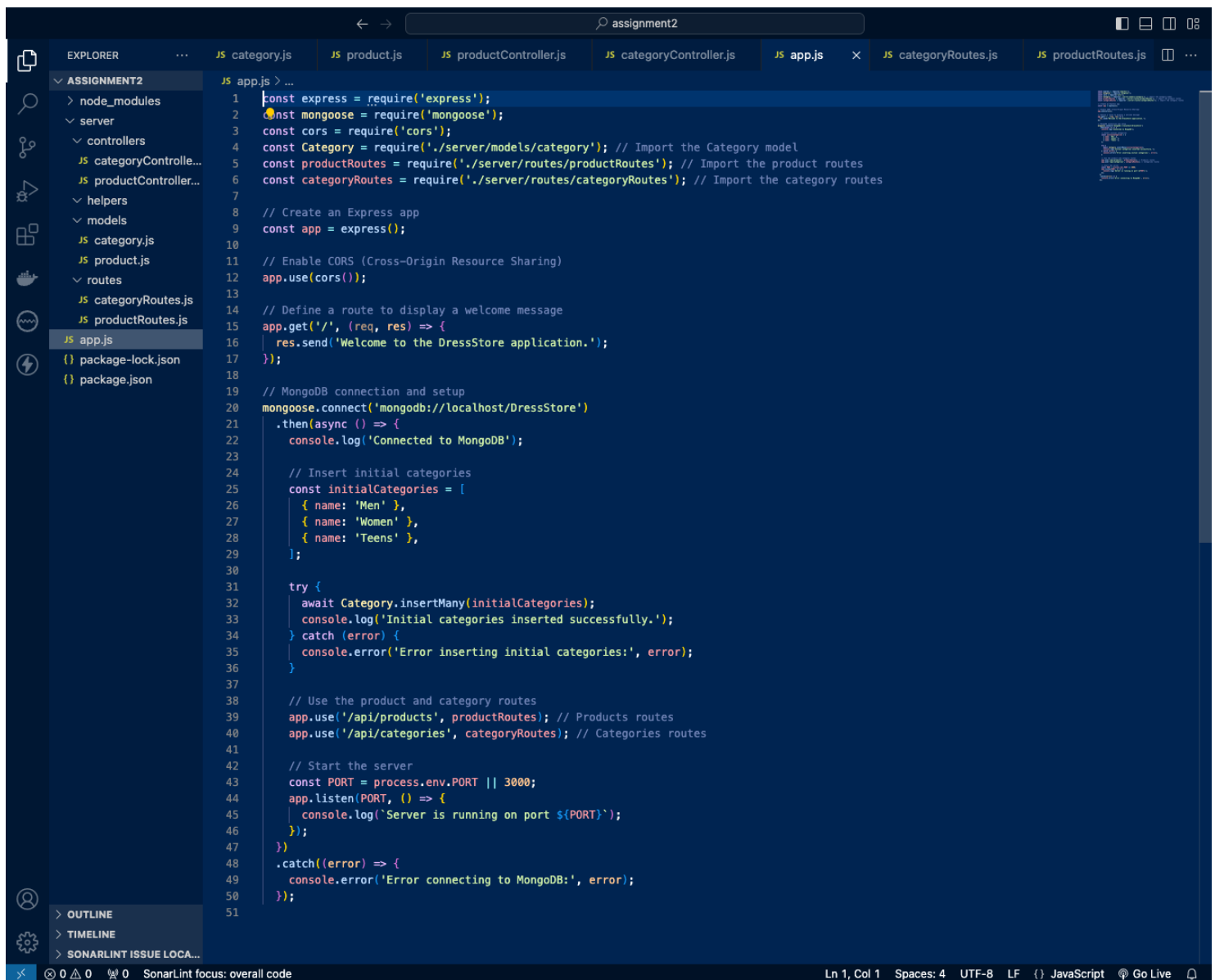


## Assignment 2 – Dress Store Application



**Figure 1:** My MongoDB database created after running `app.js`



```
1 const express = require('express');
2 const mongoose = require('mongoose');
3 const cors = require('cors');
4 const Category = require('./server/models/category'); // Import the Category model
5 const productRoutes = require('./server/routes/productRoutes'); // Import the product routes
6 const categoryRoutes = require('./server/routes/categoryRoutes'); // Import the category routes
7
8 // Create an Express app
9 const app = express();
10
11 // Enable CORS (Cross-Origin Resource Sharing)
12 app.use(cors());
13
14 // Define a route to display a welcome message
15 app.get('/', (req, res) => {
16   res.send('Welcome to the DressStore application.');
```

Ln 1, Col 1 Spaces: 4 UTF-8 LF {} JavaScript Go Live

Figure 2: app.js file to start Express web server and run database.

The screenshot shows the Visual Studio Code editor with the 'assignment2' workspace. The Explorer sidebar on the left shows the project structure for 'ASSIGNMENT2', including 'node\_modules', 'server', 'controllers', 'models', 'routes', and 'app.js'. The main editor area displays the 'app.js' file, which contains the following code:

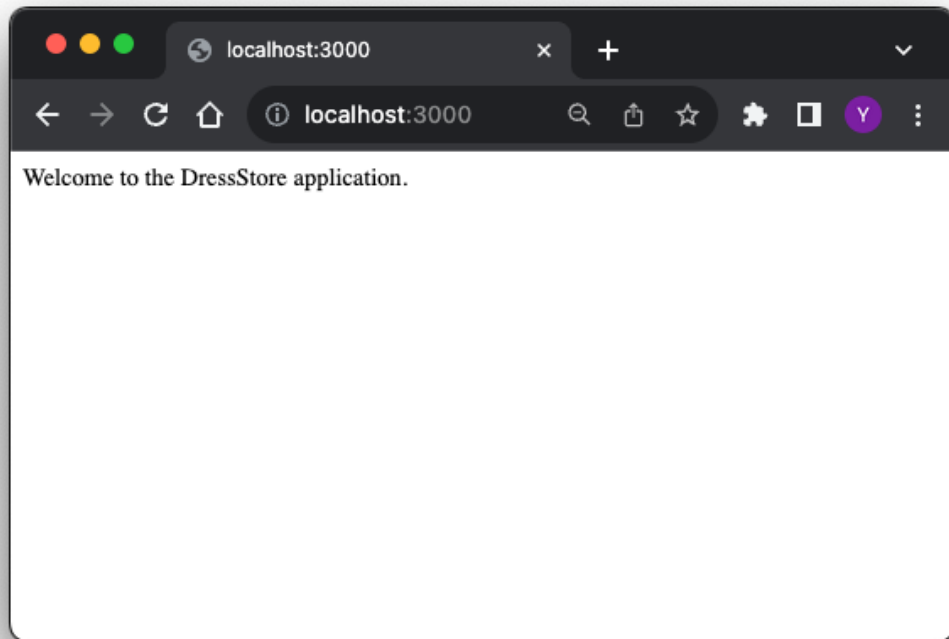
```
1 const express = require('express');
2 const mongoose = require('mongoose');
3 const cors = require('cors');
4 const Category = require('./server/models/category'); // Import the Category model
5 const productRoutes = require('./server/routes/productRoutes'); // Import the product routes
6 const categoryRoutes = require('./server/routes/categoryRoutes'); // Import the category routes
7
8 // Create an Express app
9 const app = express();
10
11 // Enable CORS (Cross-Origin Resource Sharing)
12 app.use(cors());
13
14 // Define a route to display a welcome message
15 app.get('/', (req, res) => {
16   res.send('Welcome to the DressStore application.');
```

The terminal at the bottom shows the output of running 'node app.js' in the 'assignment2' directory:

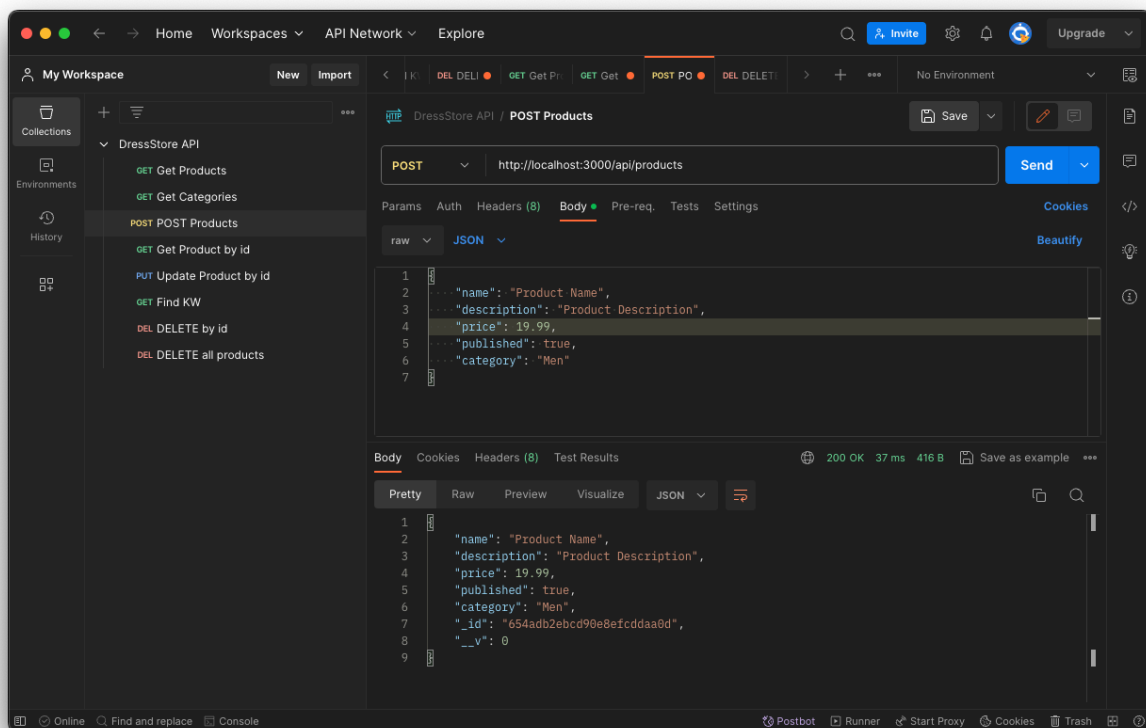
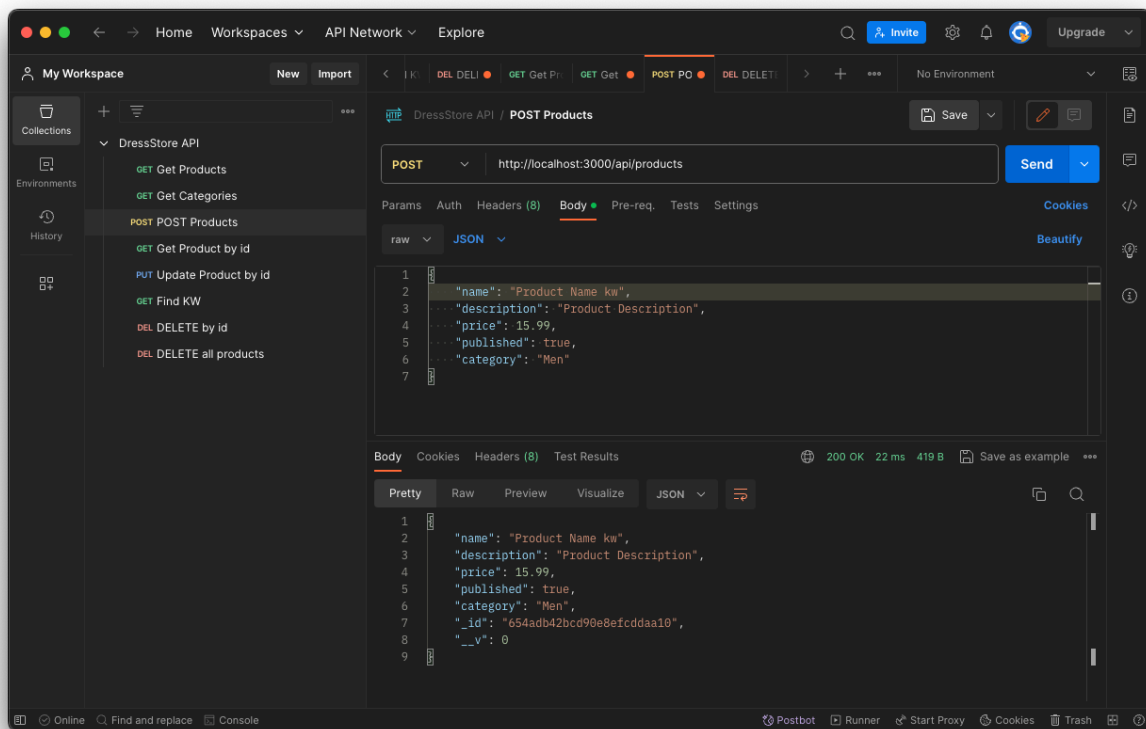
```
(base) yaatuadem@Yaatus-MacBook-Pro assignment2 % node app.js
Connected to MongoDB
Initial categories inserted successfully.
Server is running on port 3000
```

The status bar at the bottom indicates the file is 'Ln 1, Col 1', uses 'Spaces: 4', 'UTF-8' encoding, 'LF' line endings, and is a 'JavaScript' file. It also shows '0' errors and '0' warnings, with a 'SonarLint focus: overall code' message.

Figure 3: Terminal after running app.js



**Figure 4:** Snapshot of server running in browser.

**Figure 5:** Adding two new Products

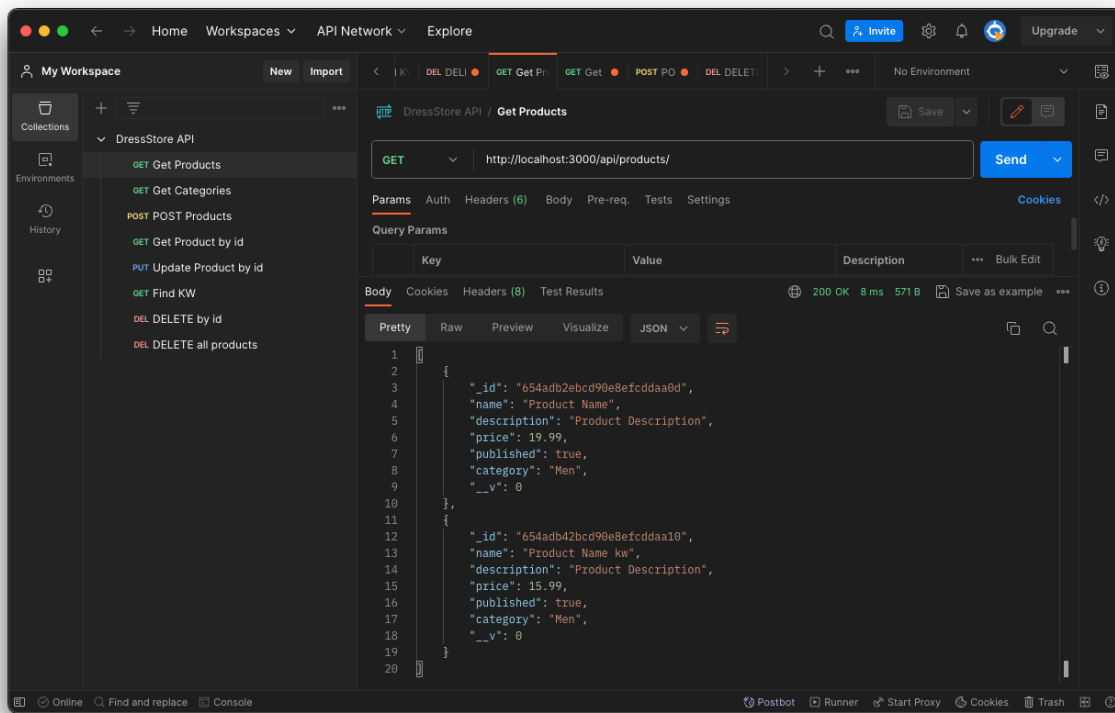


Figure 6: Get all Products

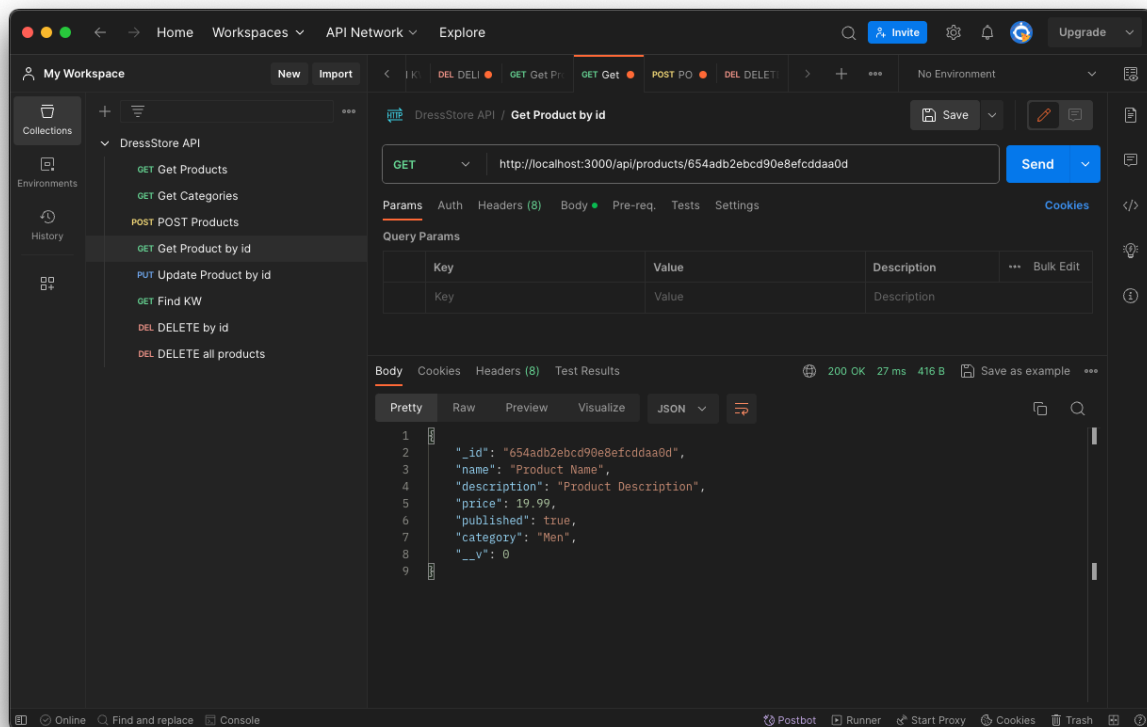


Figure 7: Get Product by id

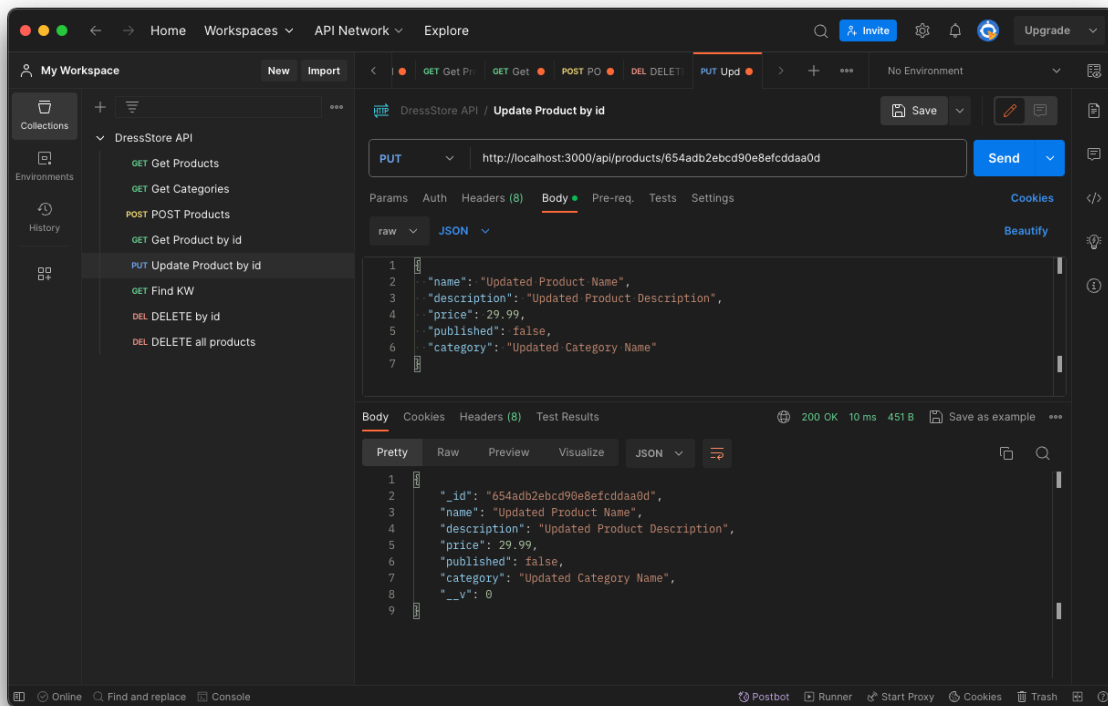


Figure 8: Update product by id

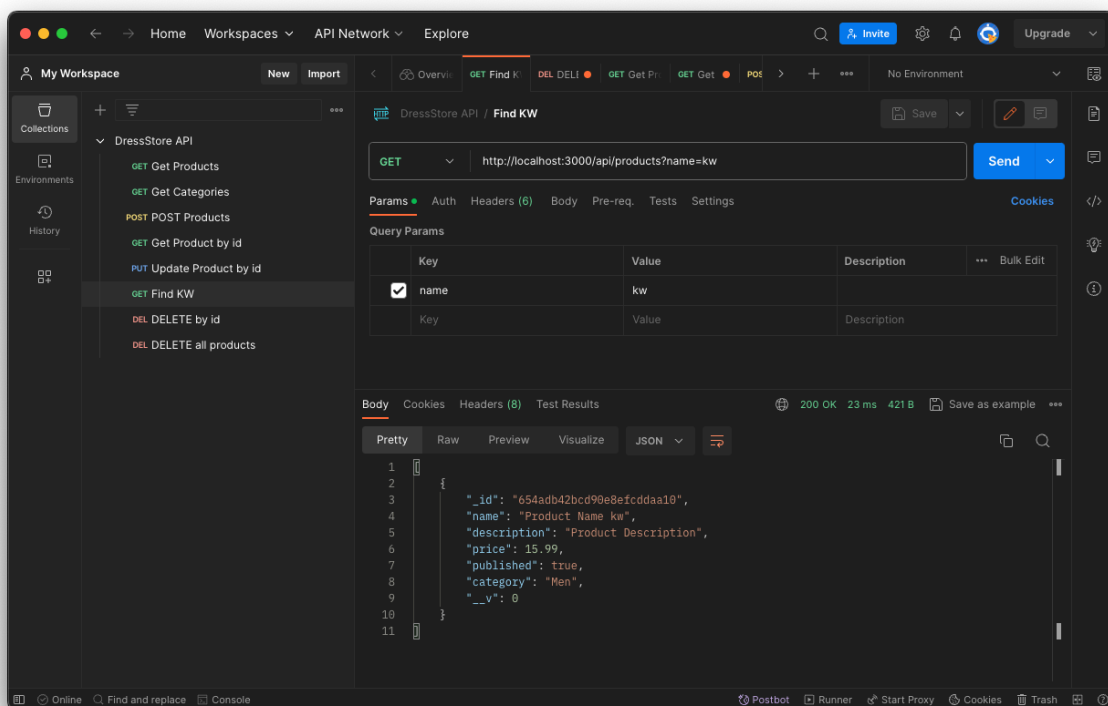
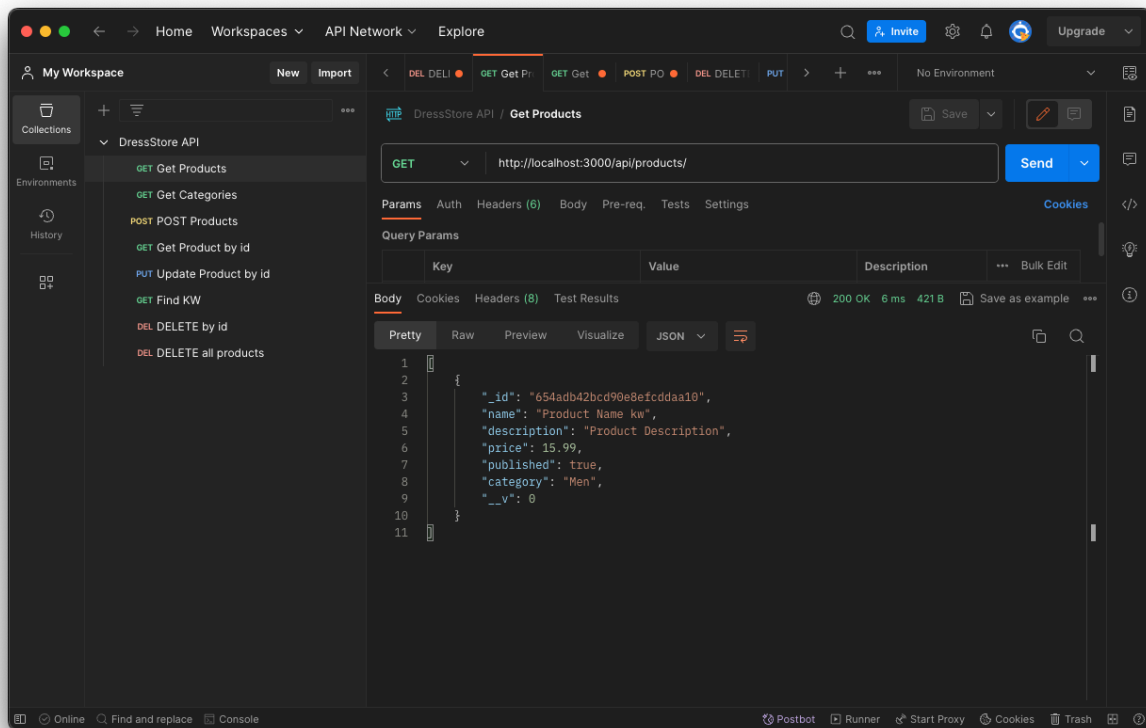
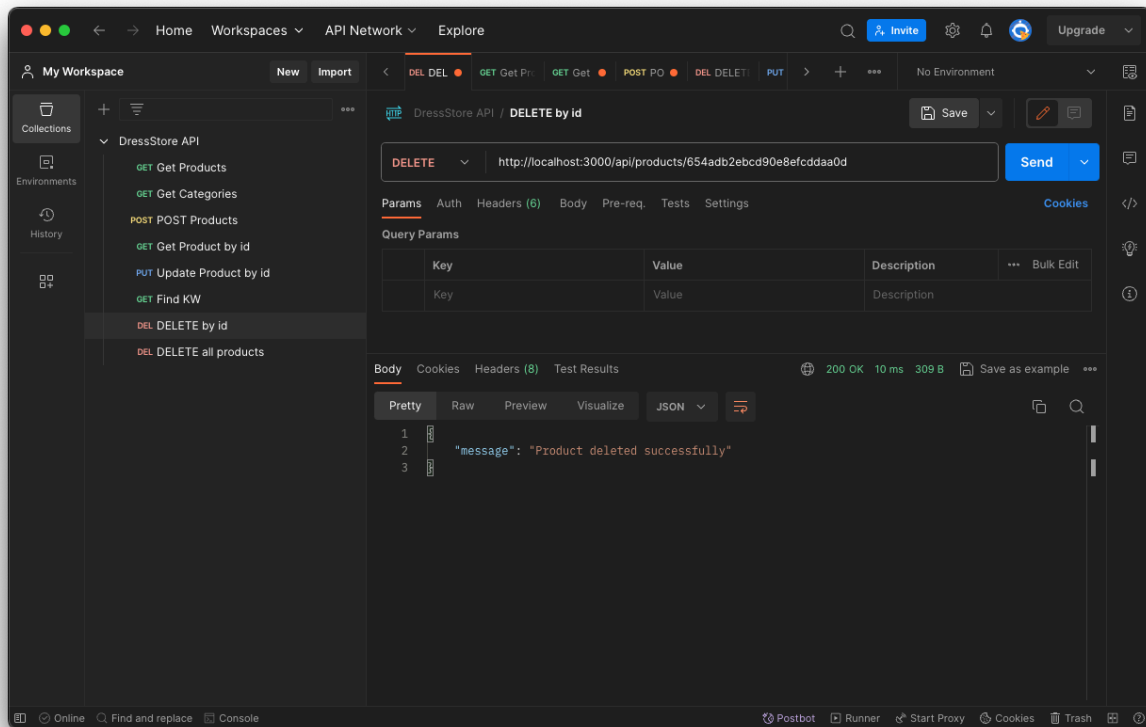
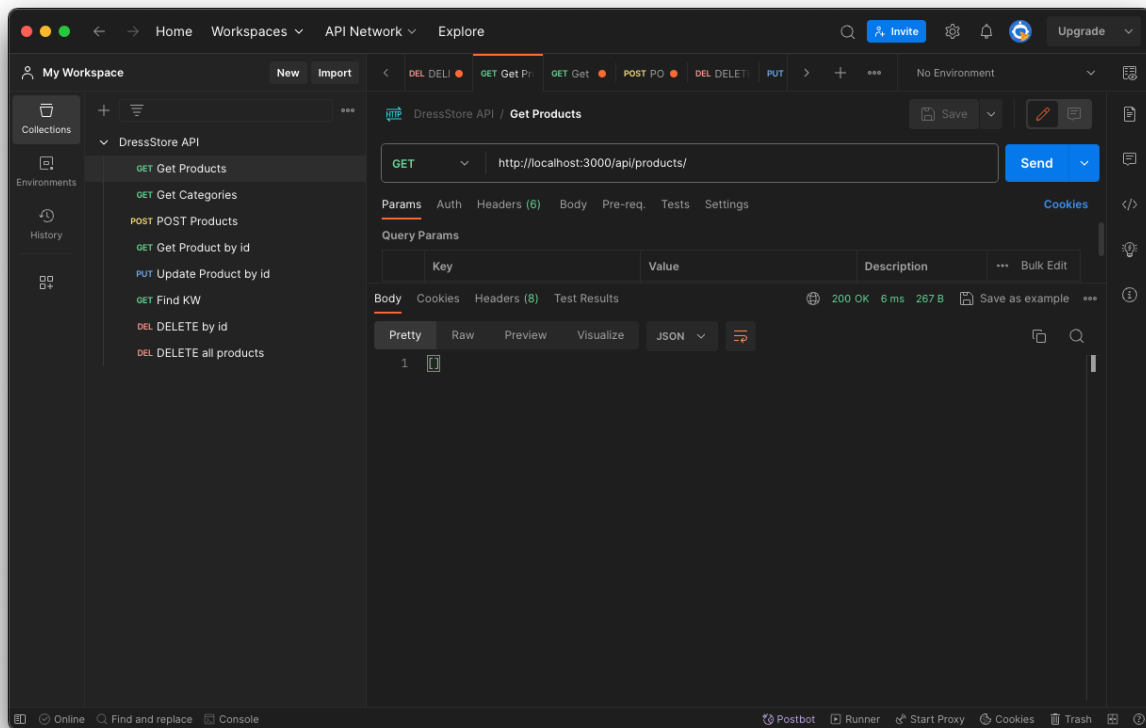
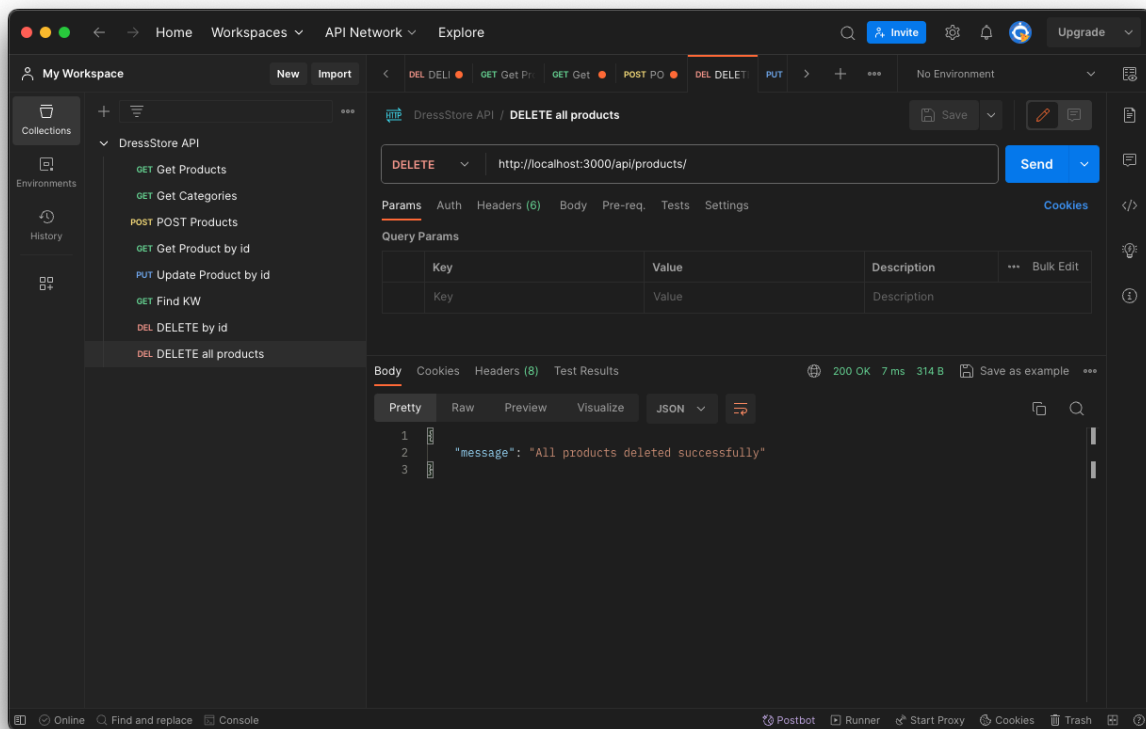


Figure 9: Find all products which name contains 'kw'

**Figure 10:** Remove product by id



**Figure 11:** Remove all products