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ID: 018176301

DATA236

ASSIGNMENT b4

Package Installations

```
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3> node --version
v22.14.0
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3> node
Welcome to Node.js v22.14.0.
Type ".help" for more information.
> console.log("Hello World!");
Hello World!
undefined
>
```

```
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3> npm install mysql

added 11 packages in 2s
npm notice
npm notice New major version of npm available! 10.9.2 -> 11.1.0
npm notice Changelog: https://github.com/npm/cli/releases/tag/v11.1.0
npm notice To update run: npm install -g npm@11.1.0
npm notice
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3>
```

```
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3> npm install -g express

added 69 packages in 3s

14 packages are looking for funding
  run `npm fund` for details
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3>
```

```
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3> npm install react react-dom --save

added 3 packages, and audited 15 packages in 3s

found 0 vulnerabilities
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3>
```

```
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3> npm install webpack -save

added 76 packages, and audited 91 packages in 6s

9 packages are looking for funding
  run `npm fund` for details

found 0 vulnerabilities
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3>
```

```
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3>  npm install babel-loader babel-pre
set-es2015 babel-preset-react -save
npm warn deprecated babel-preset-es2015@6.24.1: 🙌  Thanks for using Babel: we recommend using ba
bel-preset-env now: please read https://babeljs.io/env to update!
npm warn deprecated core-js@2.6.12: core-js@<3.23.3 is no longer maintained and not recommended f
or usage due to the number of issues. Because of the V8 engine whims, feature detection in old co
re-js versions could cause a slowdown up to 100x even if nothing is polyfilled. Some versions hav
e web compatibility issues. Please, upgrade your dependencies to the actual version of core-js.

added 113 packages, and audited 204 packages in 8s

17 packages are looking for funding
  run `npm fund` for details

17 critical severity vulnerabilities

To address issues that do not require attention, run:
  npm audit fix

Some issues need review, and may require choosing
a different dependency.

Run `npm audit` for details.
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3>
```

```
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3>  npm install babel-loader babel-pre
set-es2015 babel-preset-react -save
npm warn deprecated babel-preset-es2015@6.24.1: 🙌  Thanks for using Babel: we recommend using ba
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added 113 packages, and audited 204 packages in 8s

17 packages are looking for funding
  run `npm fund` for details

17 critical severity vulnerabilities

To address issues that do not require attention, run:
  npm audit fix

Some issues need review, and may require choosing
a different dependency.

Run `npm audit` for details.
PS C:\Users\niran\OneDrive\Documents\DATA-236\Assignments\b3> npm install -g @aws-amplify/cli
npm warn deprecated inflight@1.0.6: This module is not supported, and leaks memory. Do not use it
. Check out lru-cache if you want a good and tested way to coalesce async requests by a key value
, which is much more comprehensive and powerful.
npm warn deprecated glob@7.2.3: Glob versions prior to v9 are no longer supported
npm warn deprecated rimraf@3.0.2: Rimraf versions prior to v4 are no longer supported

added 47 packages in 34s
```
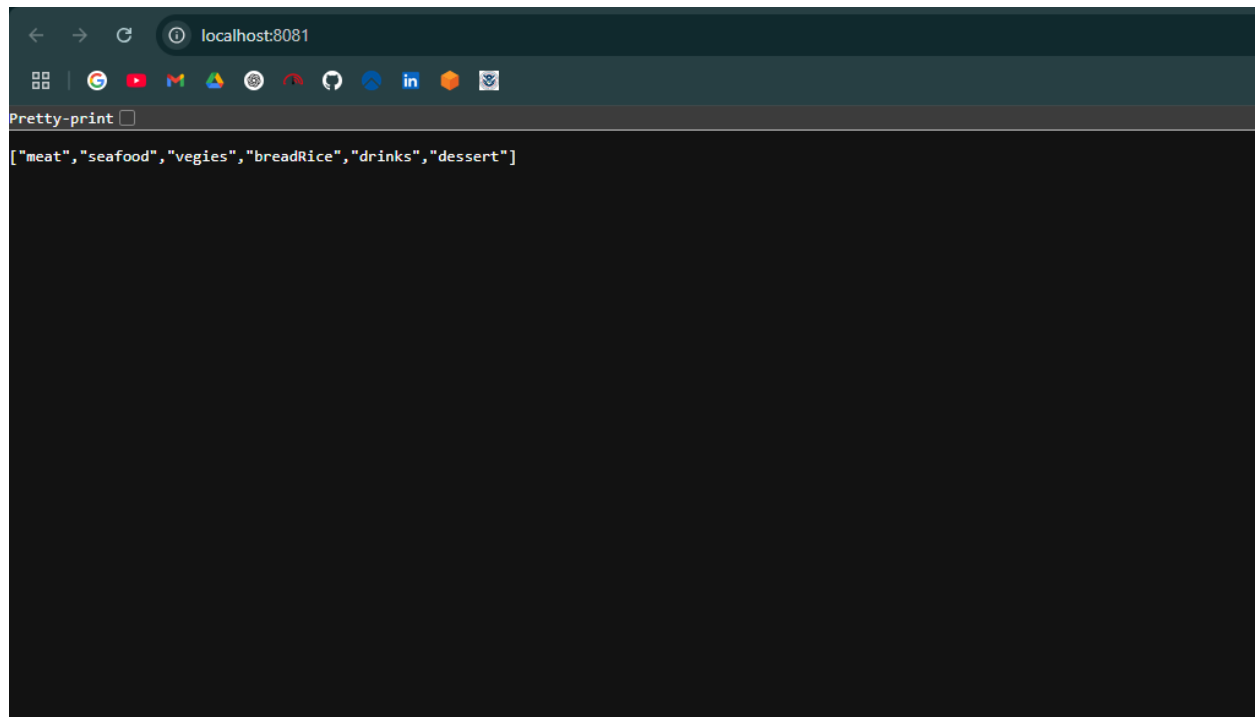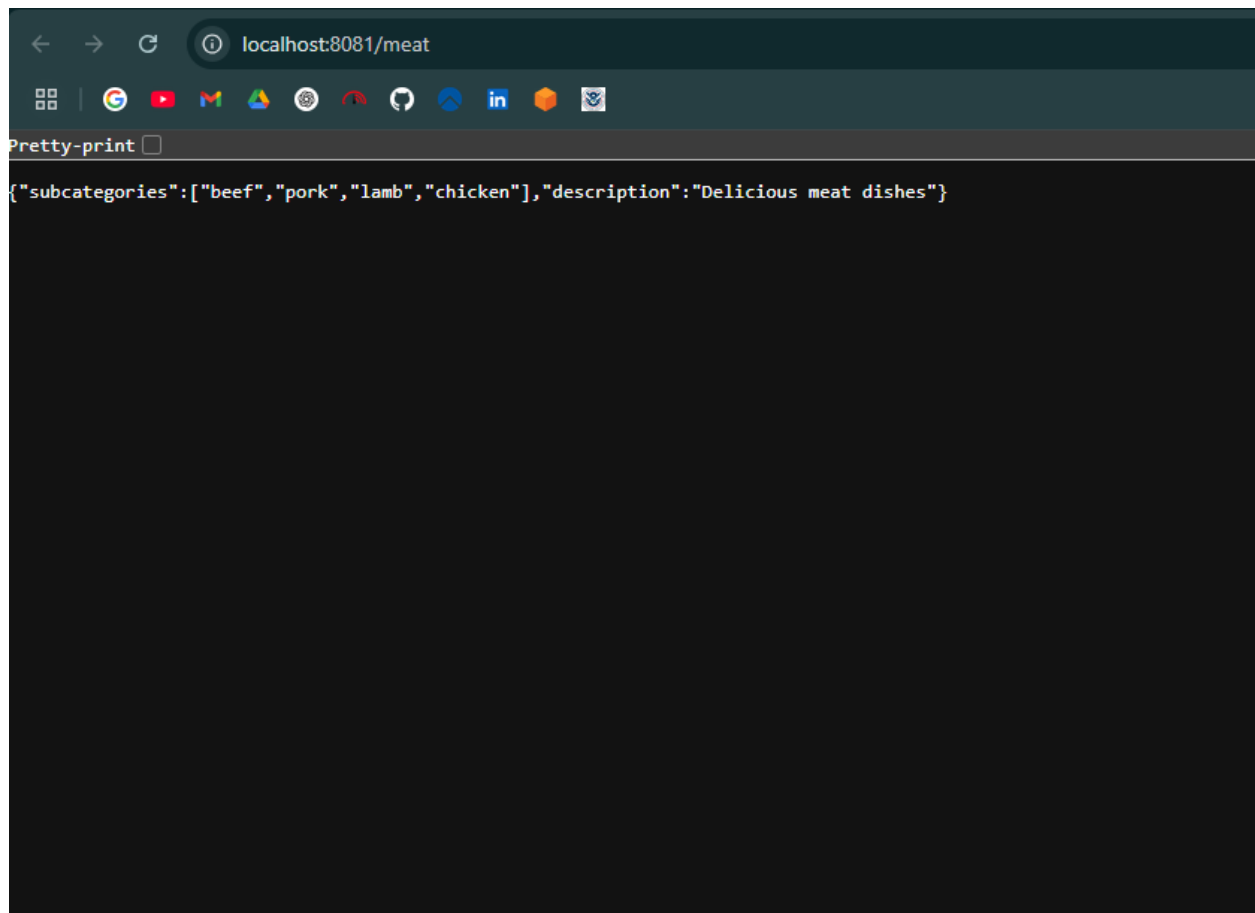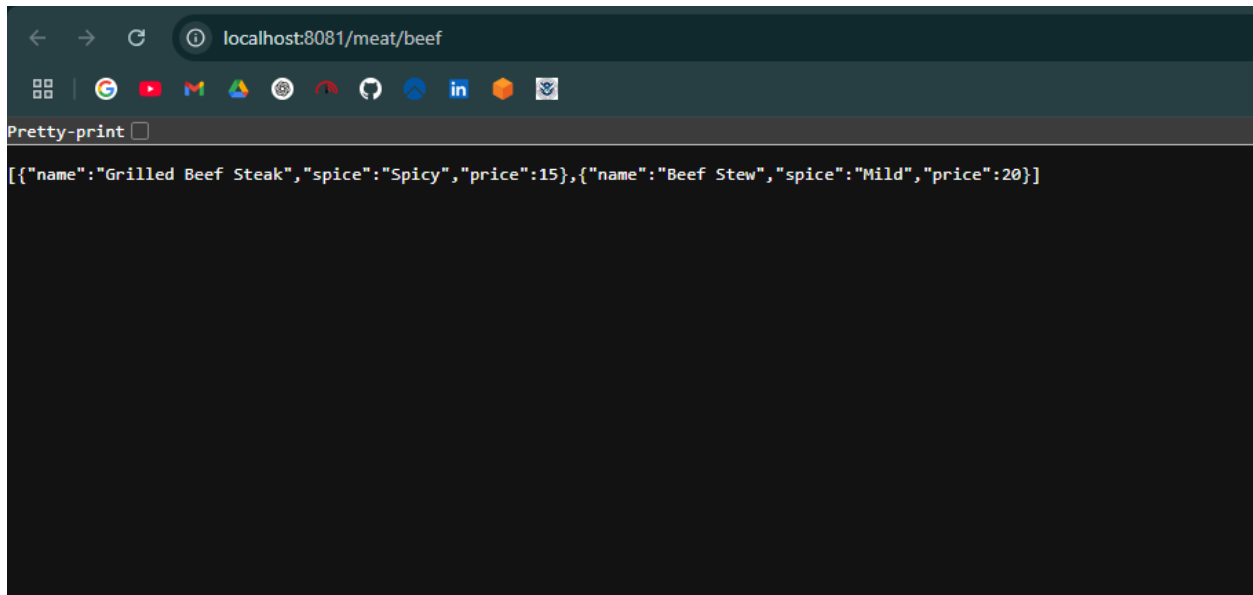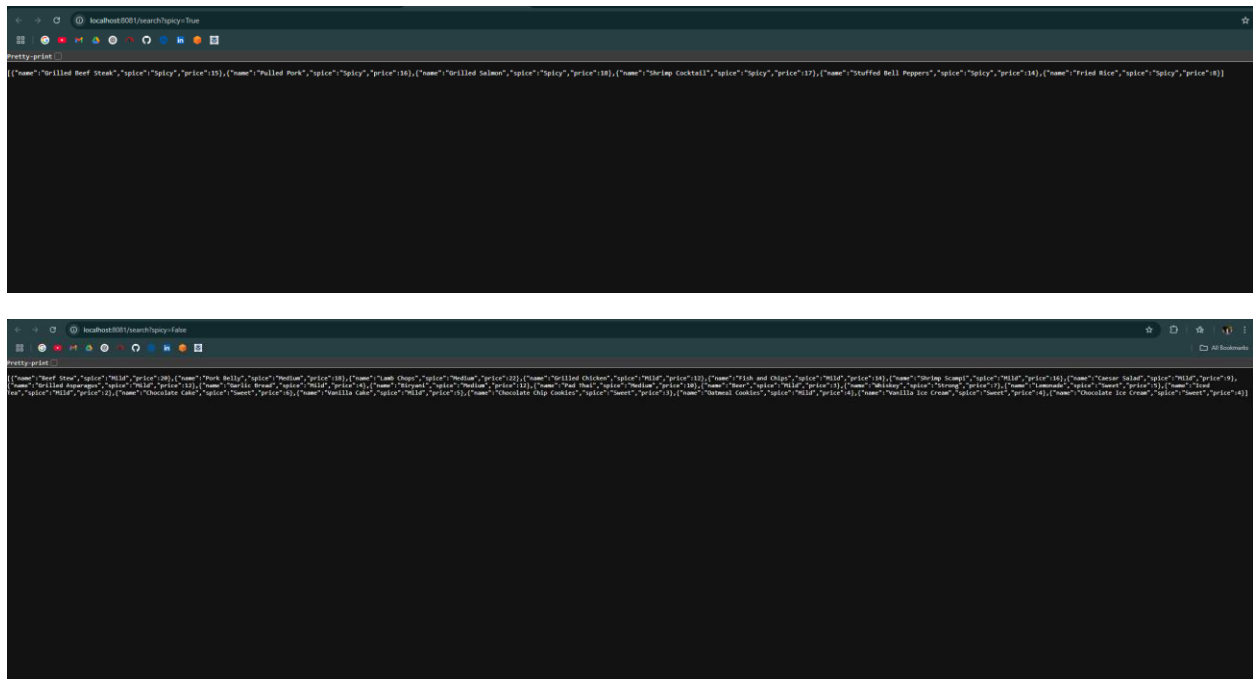
Directory Structure

a) a user enters a URL like http://localhost:8081 will list all categories

["meat","seafood","vegies","breadRice","drinks","dessert"]

b) a user enters a URL like http://localhost:8081/meat will list all subcategories of meat

{"subcategories":["beef","pork","lamb","chicken"],"description":"Delicious meat dishes"}

c) a user enters a URL like http://localhost:8081/meat/beef will list all beef dishes'
information

d) a user enters a URL like http://localhost:8081/search?spicy=True will show all spicy
dishes or enters a URL like http://localhost:8081/search?spicy=False will show all non-
spicy dishes

e) a user enters a URL like http://localhost:8081/search?price<=", ">", ">=" for price).

Non-Spicy Dishes Under Price $10:

[{"name":"Caesar Salad","spice":"Mild","price":9},{"name":"Garlic Bread","spice":"Mild","price":4},{"name":"Pad Thai","spice":"Medium","price":10},{"name":"Beer","spice":"Mild","price":3},{"name":"Whiskey","spice":"Strong","price":7},{"name":"Lemonade","spice":"Sweet","price":5},{"name":"Iced Tea","spice":"Mild","price":2},{"name":"Chocolate Cake","spice":"Sweet","price":6},{"name":"Vanilla Cake","spice":"Mild","price":5},{"name":"Chocolate Chip Cookies","spice":"Sweet","price":3},{"name":"Oatmeal Cookies","spice":"Mild","price":4},{"name":"Vanilla Ice Cream","spice":"Sweet","price":4},{"name":"Chocolate Ice Cream","spice":"Sweet","price":4}]