

EXPLORER

OPEN EDITORS

JS bamazonCustome...

11.3

- callbacks
- JS callbacks.js
- solution
- solution.md
- JS UserSearch.js
- JS WeatherAdmin.js
- JS weatherApp.js

JS bamazonCustomer.js

```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

1: powershell.exe

PS C:\Users\Drew Michinock\Desktop\bootcamp\homework\12-intro-to-mysql>

Ln 103, Col 47 Spaces: 4 UTF-8 CRLF JavaScript



EXPLORER

OPEN EDITORS

JS bamazonCustome...

11.3

callbacks

JS callbacks.js

solution

solution.md

JS UserSearch.js

JS WeatherAdmin.js

JS weatherApp.js



JS bamazonCustomer.js x

```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

PROBLEMS

OUTPUT

DEBUG CONSOLE

TERMINAL

1: powershell.exe



```
PS C:\Users\Drew Michinock\Desktop\bootcamp\homework\12-intro-to-mysql> node .\bamazonCustomer.js
```

The screenshot shows the Visual Studio Code interface. On the left, the Explorer sidebar displays the file structure of a project named '11.3'. The 'OPEN EDITORS' section shows 'JS bamazonCustome...'. The Explorer sidebar lists the following files and folders:

- 11.3
 - callbacks
 - JS callbacks.js
 - solution
 - solution.md
 - JS UserSearch.js
 - JS WeatherAdmin.js
 - JS weatherApp.js

The main editor area shows the file 'JS bamazonCustomer.js' with the following code:

```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

Below the editor, the TERMINAL panel is active, showing a PowerShell prompt. The command executed is `node .\bamazonCustomer.js`, and the output is `? What action would you like to take?` with a cursor.

The status bar at the bottom indicates the current position is 'Ln 103, Col 47', with 'Spaces: 4', 'UTF-8', 'CRLF', and 'JavaScript' encoding.



EXPLORER

OPEN EDITORS

JS bamazonCustome...

11.3

callbacks

JS callbacks.js

solution

solution.md

JS UserSearch.js

JS WeatherAdmin.js

JS weatherApp.js



JS bamazonCustomer.js x

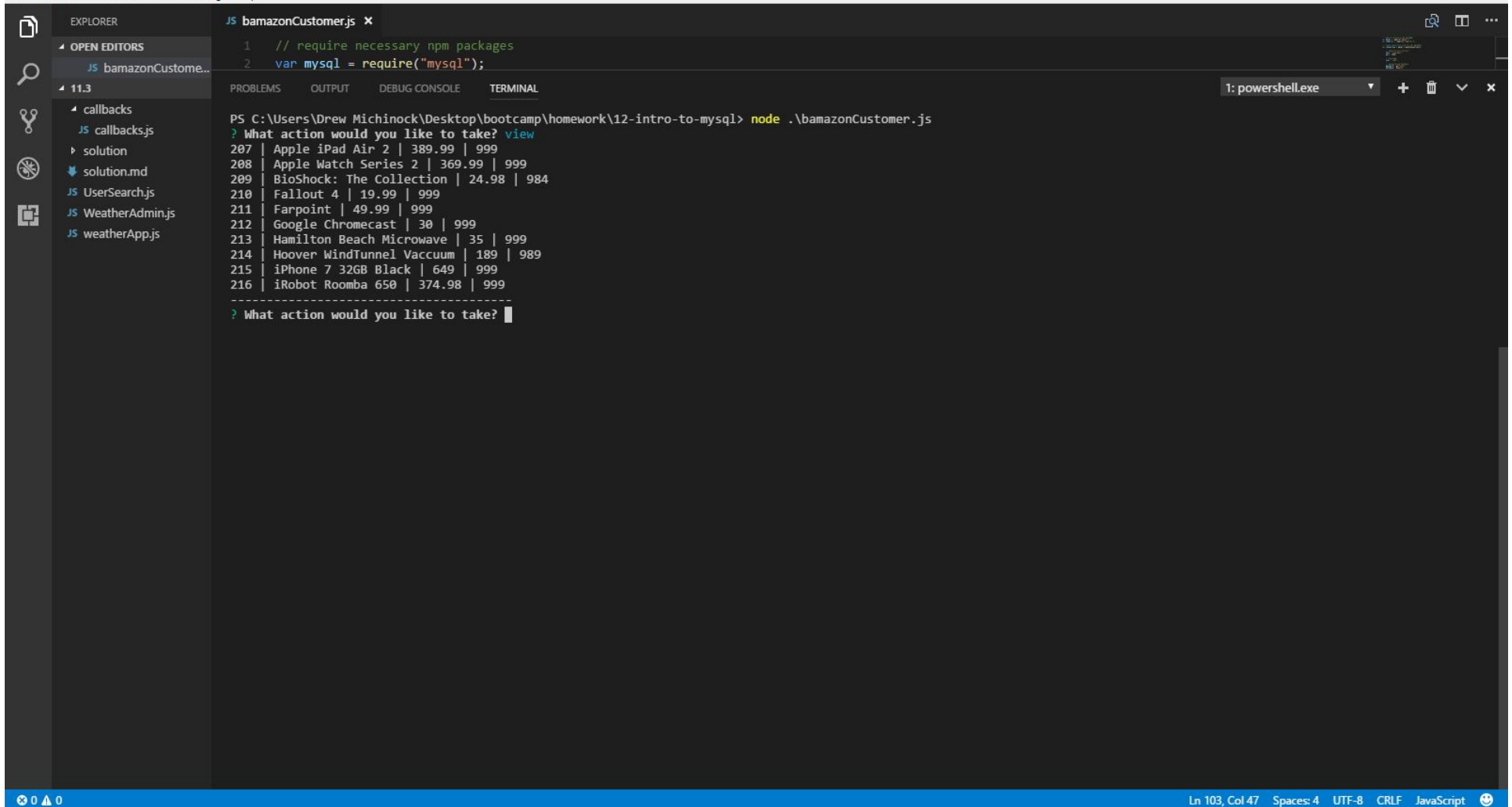
```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL

```
PS C:\Users\Drew Michinock\Desktop\bootcamp\homework\12-intro-to-mysql> node .\bamazonCustomer.js
? What action would you like to take? view
```

1: powershell.exe





The image shows the Visual Studio Code editor with a file named `bamazonCustomer.js` open. The file contains two lines of JavaScript code:

```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

The Explorer sidebar on the left shows the file structure, including a folder named `11.3` containing files like `callbacks.js`, `solution.md`, `UserSearch.js`, `WeatherAdmin.js`, and `weatherApp.js`.

The Terminal window at the bottom shows the command `node .\bamazonCustomer.js` being executed in a PowerShell session. The output displays a list of products and their prices, followed by a prompt asking for an action:

```
PS C:\Users\Drew Michinock\Desktop\bootcamp\homework\11-intro-to-mysql> node .\bamazonCustomer.js
? What action would you like to take? view
207 | Apple iPad Air 2 | 389.99 | 999
208 | Apple Watch Series 2 | 369.99 | 999
209 | BioShock: The Collection | 24.98 | 984
210 | Fallout 4 | 19.99 | 999
211 | Farpoint | 49.99 | 999
212 | Google Chromecast | 30 | 999
213 | Hamilton Beach Microwave | 35 | 999
214 | Hoover WindTunnel Vacuum | 189 | 989
215 | iPhone 7 32GB Black | 649 | 999
216 | iRobot Roomba 650 | 374.98 | 999
-----
? What action would you like to take? 
```

The status bar at the bottom indicates the current line is 103, column 47, with 4 spaces, UTF-8 encoding, CRLF line endings, and JavaScript language mode.

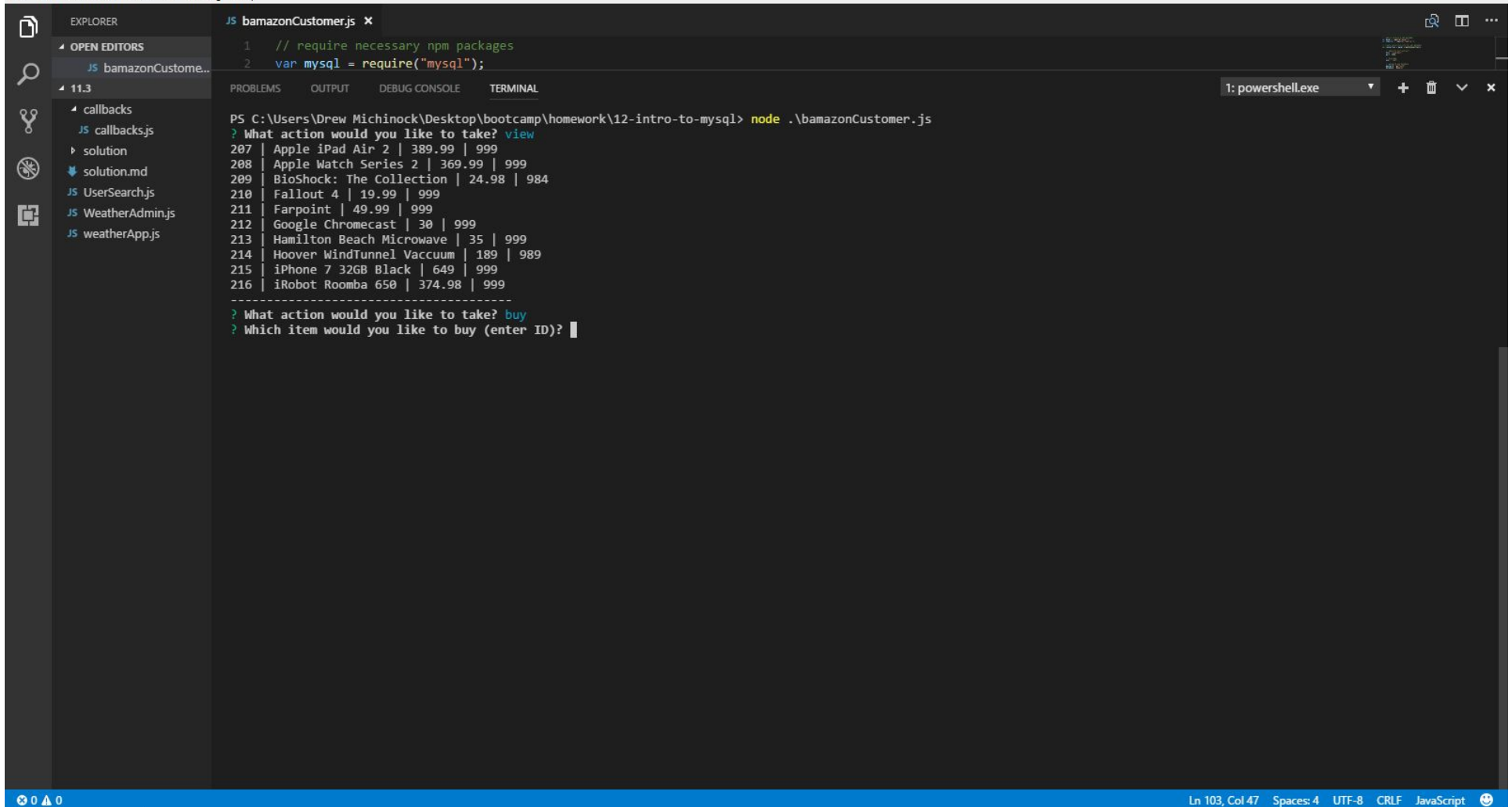
The screenshot shows the Visual Studio Code interface. The Explorer sidebar on the left displays the file structure, including a folder named 11.3 containing files like callbacks.js, solution.md, UserSearch.js, WeatherAdmin.js, and weatherApp.js. The main editor area shows the file `bamazonCustomer.js` with two lines of code:

```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

Below the editor, the TERMINAL panel is active, showing the command `node .\bamazonCustomer.js` and its output. The output displays a list of products with their IDs, names, prices, and stock quantities, followed by a prompt asking for an action.

```
PS C:\Users\Drew Michinock\Desktop\bootcamp\homework\11-intro-to-mysql> node .\bamazonCustomer.js
? What action would you like to take? view
207 | Apple iPad Air 2 | 389.99 | 999
208 | Apple Watch Series 2 | 369.99 | 999
209 | BioShock: The Collection | 24.98 | 984
210 | Fallout 4 | 19.99 | 999
211 | Farpoint | 49.99 | 999
212 | Google Chromecast | 30 | 999
213 | Hamilton Beach Microwave | 35 | 999
214 | Hoover WindTunnel Vacuum | 189 | 989
215 | iPhone 7 32GB Black | 649 | 999
216 | iRobot Roomba 650 | 374.98 | 999
-----
? What action would you like to take? buy
```

The status bar at the bottom indicates the current position is Line 103, Column 47, with 4 spaces, UTF-8 encoding, CRLF line endings, and the JavaScript language mode.



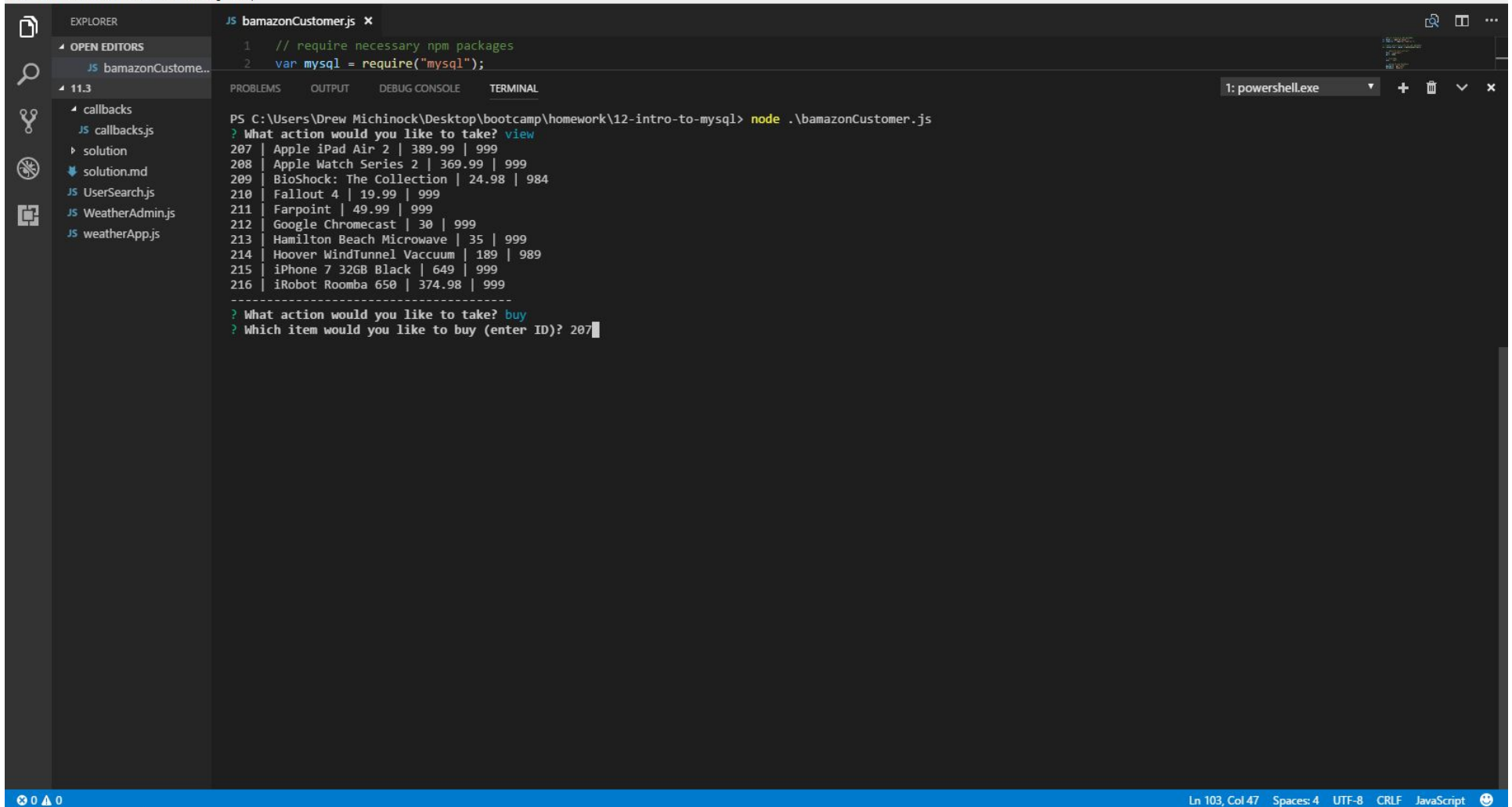
The image shows a Visual Studio Code editor window with a dark theme. The Explorer sidebar on the left shows a project structure with a folder named '11.3' containing several files: 'callbacks', 'callbacks.js', 'solution', 'solution.md', 'UserSearch.js', 'WeatherAdmin.js', and 'weatherApp.js'. The main editor area displays the file 'JS bamazonCustomer.js' with two lines of code:

```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

Below the editor, the TERMINAL panel is active, showing the command prompt output of running 'node .\bamazonCustomer.js'. The output displays a list of products with their IDs, names, prices, and stock quantities. The prompt asks for an action to take, and the user has entered 'view'. The prompt then asks for an item to buy, and the user has entered '1'.

```
PS C:\Users\Drew Michinock\Desktop\bootcamp\homework\11-intro-to-mysql> node .\bamazonCustomer.js
? What action would you like to take? view
207 | Apple iPad Air 2 | 389.99 | 999
208 | Apple Watch Series 2 | 369.99 | 999
209 | BioShock: The Collection | 24.98 | 984
210 | Fallout 4 | 19.99 | 999
211 | Farpoint | 49.99 | 999
212 | Google Chromecast | 30 | 999
213 | Hamilton Beach Microwave | 35 | 999
214 | Hoover WindTunnel Vacuum | 189 | 989
215 | iPhone 7 32GB Black | 649 | 999
216 | iRobot Roomba 650 | 374.98 | 999
-----
? What action would you like to take? buy
? Which item would you like to buy (enter ID)? 1
```

The status bar at the bottom indicates the current position is Line 103, Column 47, with 4 spaces, UTF-8 encoding, CRLF line endings, and the file is a JavaScript file.



```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

PS C:\Users\Drew Michinock\Desktop\bootcamp\homework\12-intro-to-mysql> node .\bamazonCustomer.js

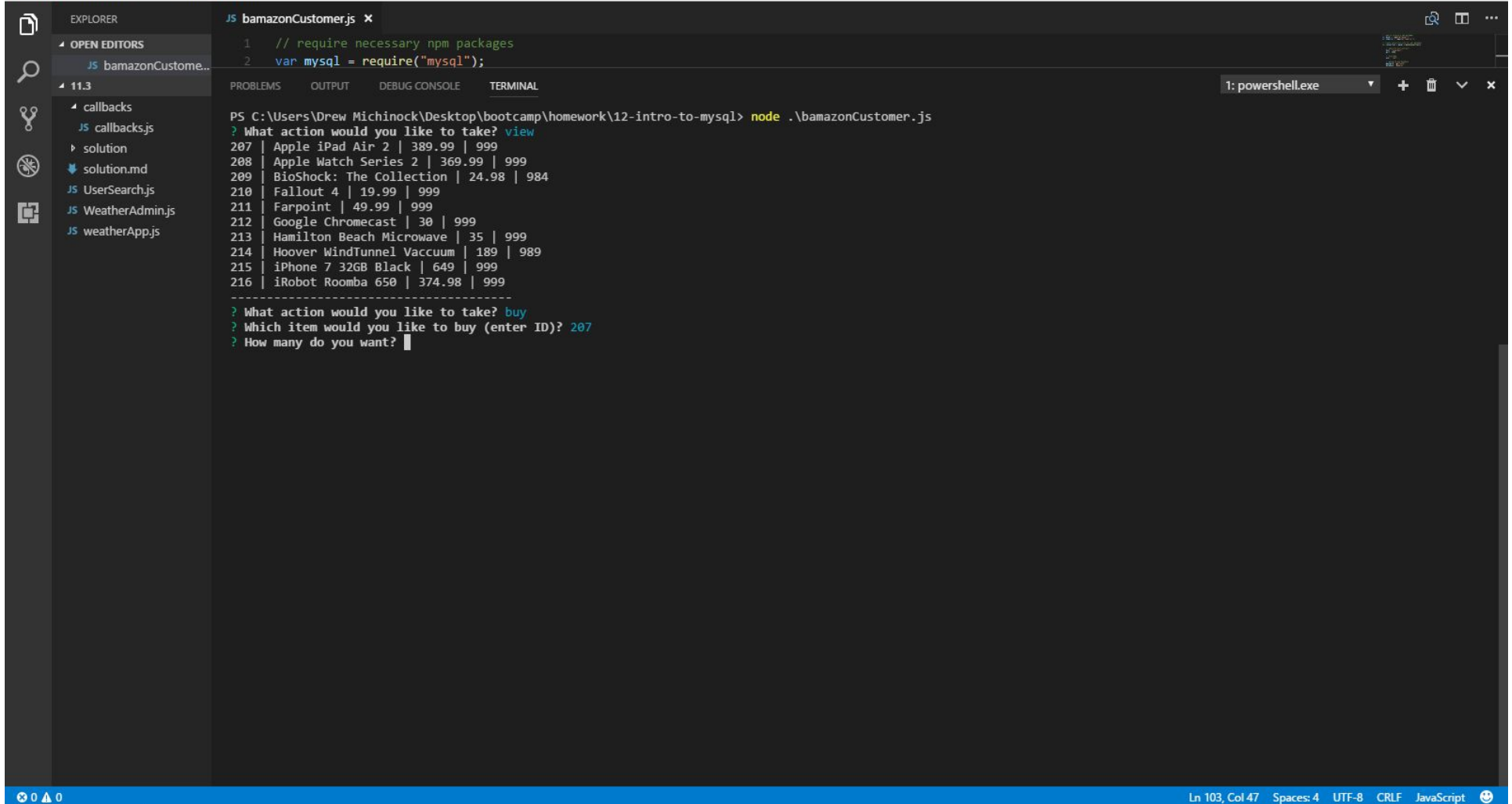
? What action would you like to take? view

207		Apple iPad Air 2		389.99		999
208		Apple Watch Series 2		369.99		999
209		BioShock: The Collection		24.98		984
210		Fallout 4		19.99		999
211		Farpoint		49.99		999
212		Google Chromecast		30		999
213		Hamilton Beach Microwave		35		999
214		Hoover WindTunnel Vacuum		189		989
215		iPhone 7 32GB Black		649		999
216		iRobot Roomba 650		374.98		999

? What action would you like to take? buy

? Which item would you like to buy (enter ID)? 207

Ln 103, Col 47 Spaces: 4 UTF-8 CRLF JavaScript



The image shows the Visual Studio Code editor with a file named `bamazonCustomer.js` open. The file contains two lines of JavaScript code:

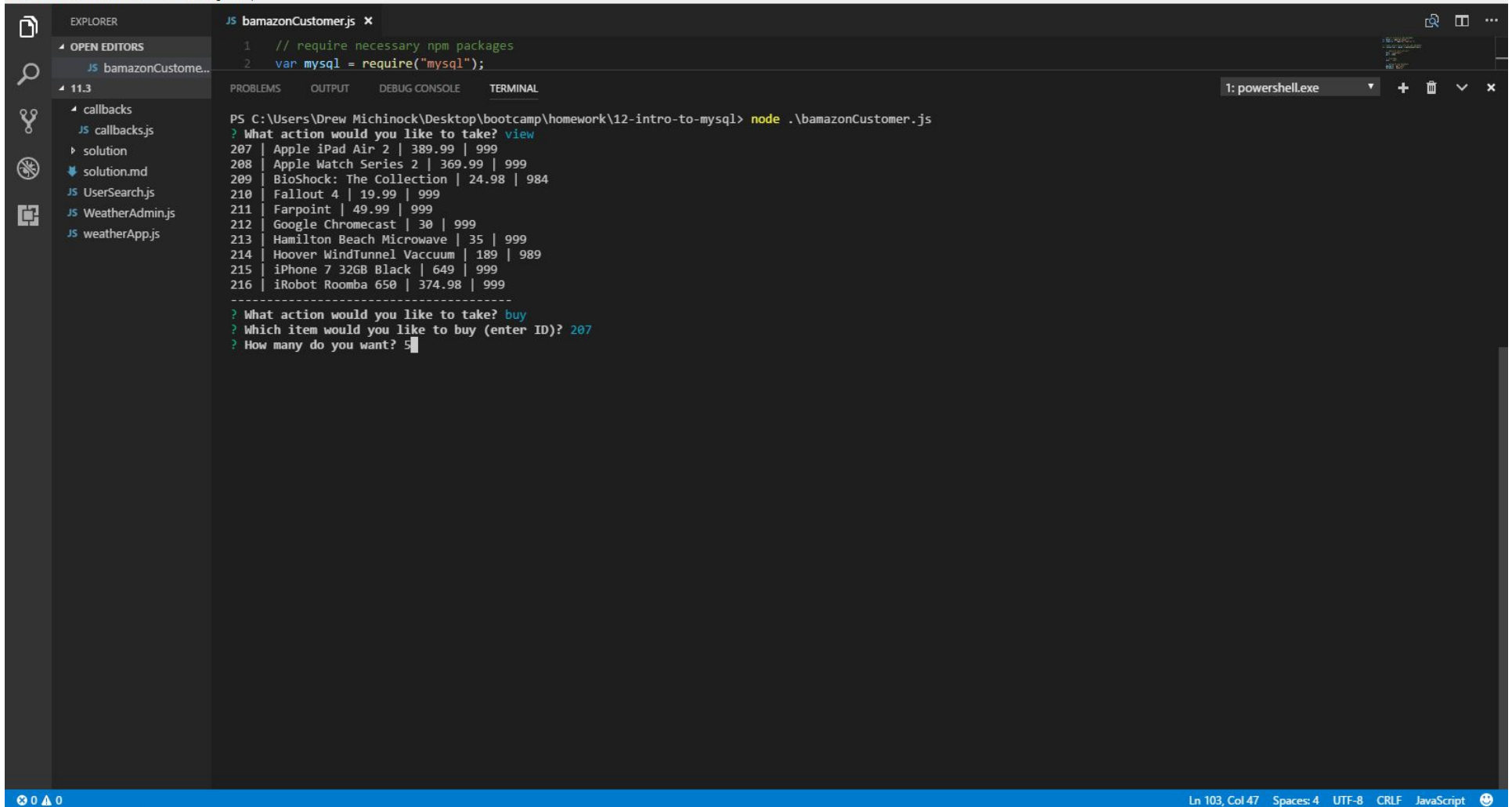
```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

The Explorer sidebar on the left shows the file structure, including a folder named `11.3` containing files like `callbacks.js`, `solution.md`, `UserSearch.js`, `WeatherAdmin.js`, and `weatherApp.js`.

The Terminal window at the bottom shows the command `node .\bamazonCustomer.js` being executed. The output displays a list of products with their IDs, names, prices, and stock quantities:

```
PS C:\Users\Drew Michinock\Desktop\bootcamp\homework\11-intro-to-mysql> node .\bamazonCustomer.js
? What action would you like to take? view
207 | Apple iPad Air 2 | 389.99 | 999
208 | Apple Watch Series 2 | 369.99 | 999
209 | BioShock: The Collection | 24.98 | 984
210 | Fallout 4 | 19.99 | 999
211 | Farpoint | 49.99 | 999
212 | Google Chromecast | 30 | 999
213 | Hamilton Beach Microwave | 35 | 999
214 | Hoover WindTunnel Vacuum | 189 | 989
215 | iPhone 7 32GB Black | 649 | 999
216 | iRobot Roomba 650 | 374.98 | 999
-----
? What action would you like to take? buy
? Which item would you like to buy (enter ID)? 207
? How many do you want? 
```

The status bar at the bottom indicates the current position is `Ln 103, Col 47`, with `Spaces: 4`, `UTF-8` encoding, `CRLF` line endings, and `JavaScript` language.



The image shows a Visual Studio Code editor window with a dark theme. The Explorer sidebar on the left shows a file named `bamazonCustomer.js` under a folder named `11.3`. The main editor area displays the content of `bamazonCustomer.js`, which includes a comment and a variable declaration for `mysql`. Below the editor, the TERMINAL tab is active, showing the output of running `node .\bamazonCustomer.js` in a PowerShell terminal. The terminal output displays a list of products with their IDs, names, prices, and stock quantities. It then prompts the user for an action, an item ID, and a quantity, with the user's inputs `view`, `207`, and `5` shown.

```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

PS C:\Users\Drew Michinock\Desktop\bootcamp\homework\11-intro-to-mysql> node .\bamazonCustomer.js

? What action would you like to take? view

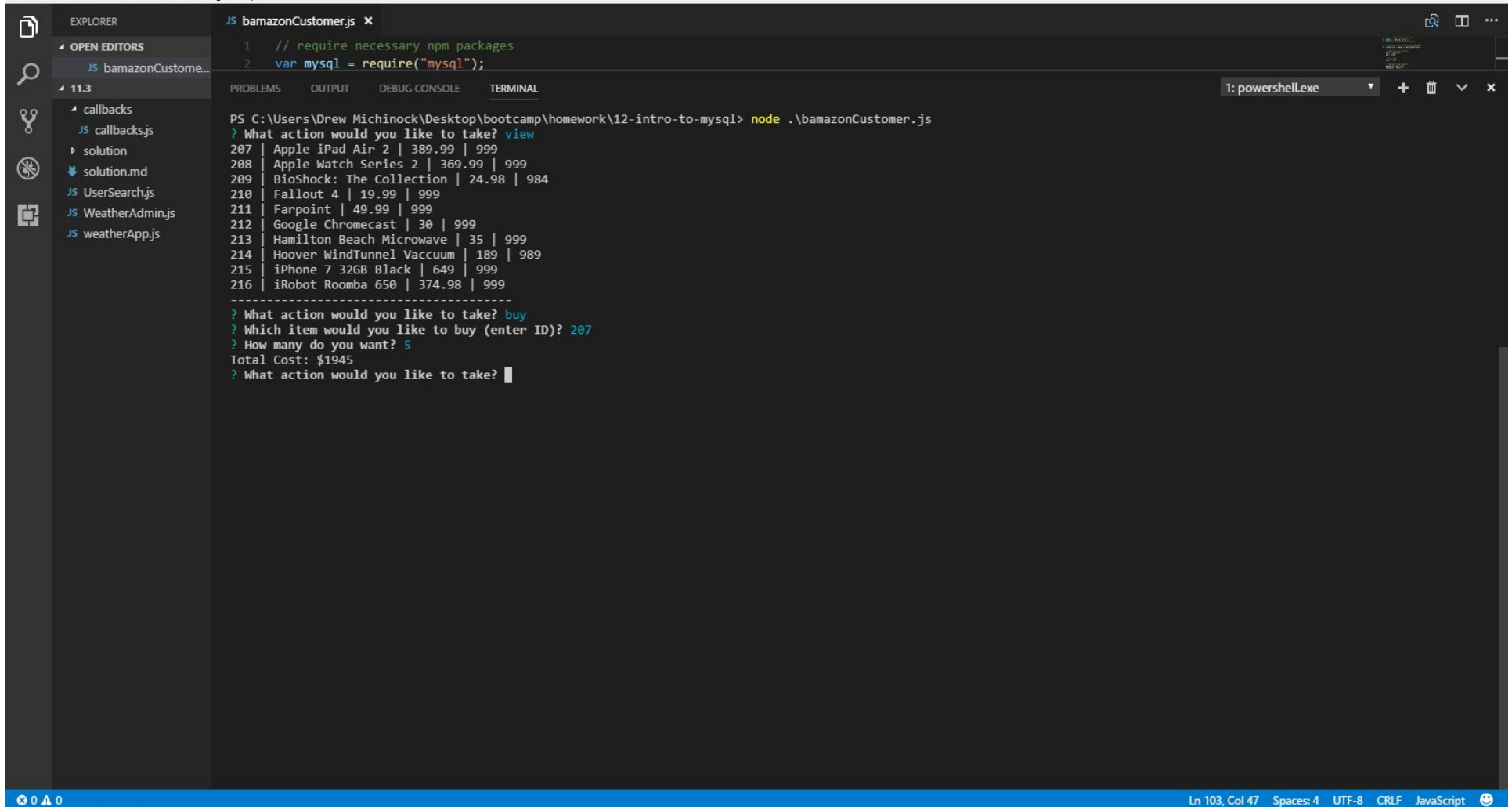
207	Apple iPad Air 2	389.99	999
208	Apple Watch Series 2	369.99	999
209	BioShock: The Collection	24.98	984
210	Fallout 4	19.99	999
211	Farpoint	49.99	999
212	Google Chromecast	30	999
213	Hamilton Beach Microwave	35	999
214	Hoover WindTunnel Vacuum	189	989
215	iPhone 7 32GB Black	649	999
216	iRobot Roomba 650	374.98	999

? What action would you like to take? buy

? Which item would you like to buy (enter ID)? 207

? How many do you want? 5

Ln 103, Col 47 Spaces: 4 UTF-8 CRLF JavaScript



The screenshot shows the Visual Studio Code editor with a file named `bamazonCustomer.js` open. The file contains two lines of JavaScript code:

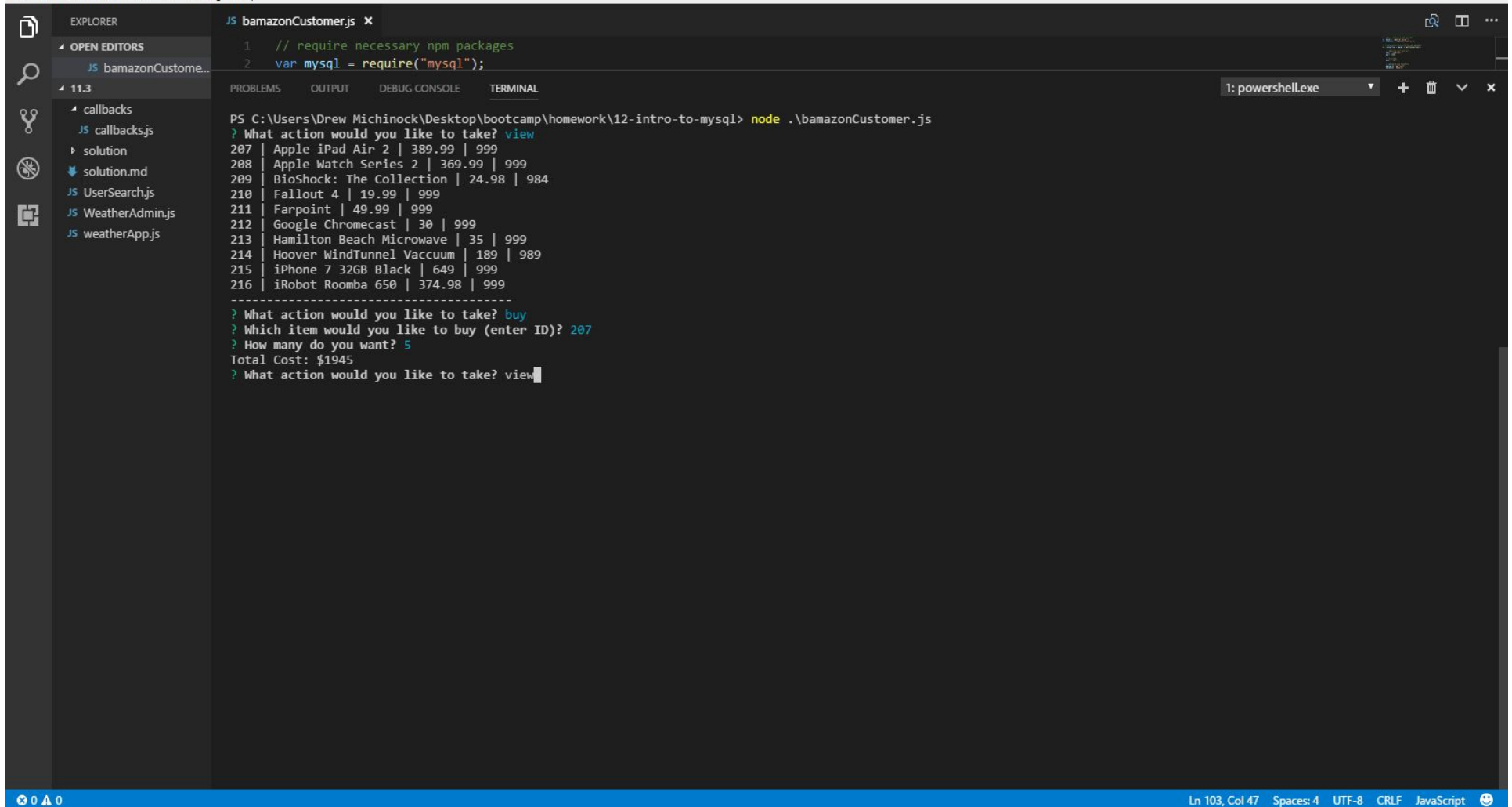
```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

The Explorer sidebar on the left shows the file structure, including a folder named `11.3` containing files like `callbacks.js`, `solution.md`, `UserSearch.js`, `WeatherAdmin.js`, and `weatherApp.js`.

The Terminal panel at the bottom shows the output of running `node .\bamazonCustomer.js` in a PowerShell session. The output displays a list of products with their IDs, names, prices, and stock quantities, followed by a prompt for user input.

```
PS C:\Users\Drew Michinock\Desktop\bootcamp\homework\11-intro-to-mysql> node .\bamazonCustomer.js
? What action would you like to take? view
207 | Apple iPad Air 2 | 389.99 | 999
208 | Apple Watch Series 2 | 369.99 | 999
209 | BioShock: The Collection | 24.98 | 984
210 | Fallout 4 | 19.99 | 999
211 | Farpoint | 49.99 | 999
212 | Google Chromecast | 30 | 999
213 | Hamilton Beach Microwave | 35 | 999
214 | Hoover WindTunnel Vacuum | 189 | 989
215 | iPhone 7 32GB Black | 649 | 999
216 | iRobot Roomba 650 | 374.98 | 999
-----
? What action would you like to take? buy
? Which item would you like to buy (enter ID)? 207
? How many do you want? 5
Total Cost: $1945
? What action would you like to take? 
```

The status bar at the bottom indicates the current position is `Ln 103, Col 47`, with `Spaces: 4`, `UTF-8` encoding, `CRLF` line endings, and `JavaScript` language.



The screenshot shows the Visual Studio Code interface with a file named `bamazonCustomer.js` open. The file contains two lines of JavaScript code:

```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

The Explorer sidebar on the left shows the file structure, including a folder named `11.3` containing files like `callbacks.js`, `solution.md`, `UserSearch.js`, `WeatherAdmin.js`, and `weatherApp.js`.

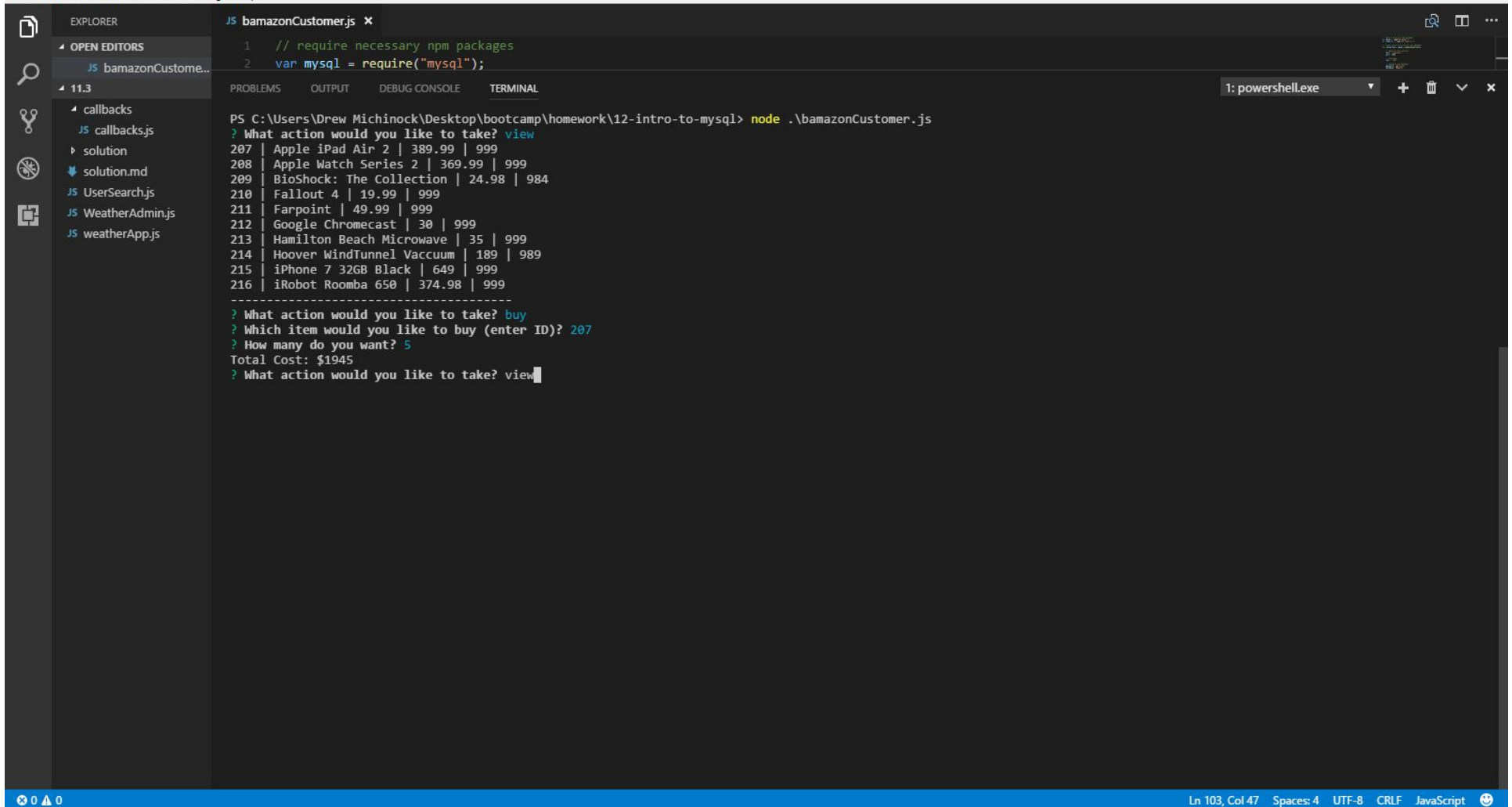
The Terminal panel at the bottom shows the command `node .\bamazonCustomer.js` being executed in a PowerShell environment. The output displays a list of products with their IDs, names, prices, and stock quantities:

ID	Product Name	Price	Stock
207	Apple iPad Air 2	389.99	999
208	Apple Watch Series 2	369.99	999
209	BioShock: The Collection	24.98	984
210	Fallout 4	19.99	999
211	Farpoint	49.99	999
212	Google Chromecast	30	999
213	Hamilton Beach Microwave	35	999
214	Hoover WindTunnel Vacuum	189	989
215	iPhone 7 32GB Black	649	999
216	iRobot Roomba 650	374.98	999

Below the product list, the terminal shows the following prompts and user input:

```
? What action would you like to take? buy
? Which item would you like to buy (enter ID)? 207
? How many do you want? 5
Total Cost: $1945
? What action would you like to take? view
```

The status bar at the bottom indicates the current position is `Ln 103, Col 47`, with `Spaces: 4`, `UTF-8` encoding, `CRLF` line endings, and the file is a `JavaScript` document.



The screenshot shows the Visual Studio Code editor with a file named `bamazonCustomer.js` open. The file contains two lines of JavaScript code:

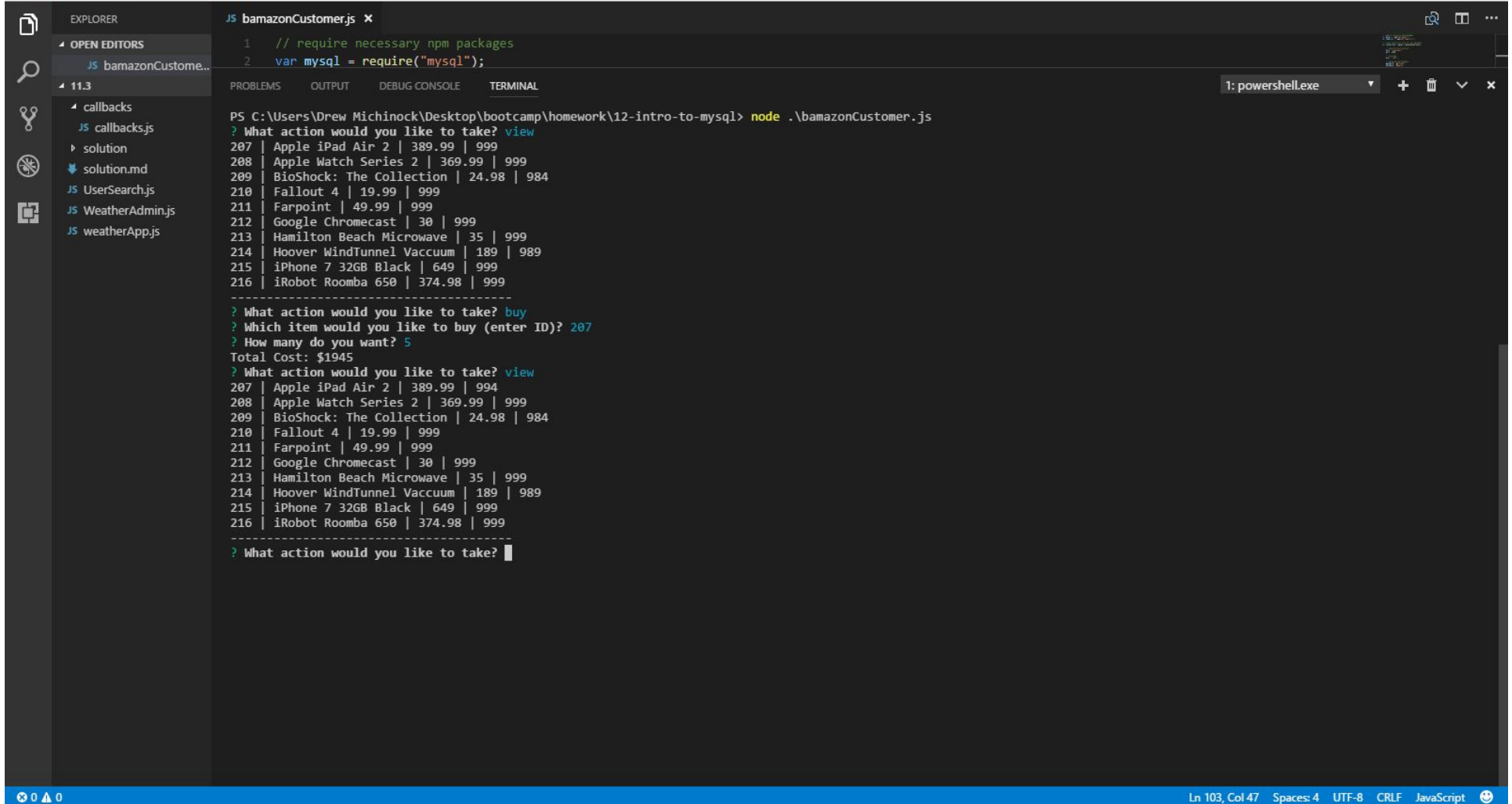
```
1 // require necessary npm packages
2 var mysql = require("mysql");
```

The Explorer sidebar on the left shows the file structure, including a folder named `11.3` containing files like `callbacks.js`, `solution.md`, `UserSearch.js`, `WeatherAdmin.js`, and `weatherApp.js`.

The Terminal window at the bottom shows the execution of the script using `node .\bamazonCustomer.js`. The output displays a list of products with their IDs, names, prices, and stock quantities. The user interacts with the program by entering `view` to see the list, `buy` to purchase an item, and `5` to specify the quantity. The total cost is calculated as \$1945.

```
PS C:\Users\Drew Michinock\Desktop\bootcamp\homework\11-intro-to-mysql> node .\bamazonCustomer.js
? What action would you like to take? view
207 | Apple iPad Air 2 | 389.99 | 999
208 | Apple Watch Series 2 | 369.99 | 999
209 | BioShock: The Collection | 24.98 | 984
210 | Fallout 4 | 19.99 | 999
211 | Farpoint | 49.99 | 999
212 | Google Chromecast | 30 | 999
213 | Hamilton Beach Microwave | 35 | 999
214 | Hoover WindTunnel Vacuum | 189 | 989
215 | iPhone 7 32GB Black | 649 | 999
216 | iRobot Roomba 650 | 374.98 | 999
-----
? What action would you like to take? buy
? Which item would you like to buy (enter ID)? 207
? How many do you want? 5
Total Cost: $1945
? What action would you like to take? view
```

The status bar at the bottom indicates the current position is `Ln 103, Col 47`, with `Spaces: 4`, `UTF-8` encoding, `CRLF` line endings, and `JavaScript` language.



The image shows a Visual Studio Code editor window with a dark theme. The Explorer sidebar on the left shows a project structure with files like `callbacks.js`, `solution.md`, `UserSearch.js`, `WeatherAdmin.js`, and `weatherApp.js`. The main editor area displays the `bamazonCustomer.js` file, which contains a simple JavaScript script using the `mysql` module. The script prompts the user for an action (buy or view), an item ID, and a quantity, then displays a list of products with their IDs, names, and prices. The terminal at the bottom shows the output of running the script, including the product list and the total cost of a purchase.

```
1 // require necessary npm packages
2 var mysql = require("mysql");

? What action would you like to take? view
207 | Apple iPad Air 2 | 389.99 | 999
208 | Apple Watch Series 2 | 369.99 | 999
209 | BioShock: The Collection | 24.98 | 984
210 | Fallout 4 | 19.99 | 999
211 | Farpoint | 49.99 | 999
212 | Google Chromecast | 30 | 999
213 | Hamilton Beach Microwave | 35 | 999
214 | Hoover WindTunnel Vacuum | 189 | 989
215 | iPhone 7 32GB Black | 649 | 999
216 | iRobot Roomba 650 | 374.98 | 999
-----
? What action would you like to take? buy
? Which item would you like to buy (enter ID)? 207
? How many do you want? 5
Total Cost: $1945
? What action would you like to take? view
207 | Apple iPad Air 2 | 389.99 | 994
208 | Apple Watch Series 2 | 369.99 | 999
209 | BioShock: The Collection | 24.98 | 984
210 | Fallout 4 | 19.99 | 999
211 | Farpoint | 49.99 | 999
212 | Google Chromecast | 30 | 999
213 | Hamilton Beach Microwave | 35 | 999
214 | Hoover WindTunnel Vacuum | 189 | 989
215 | iPhone 7 32GB Black | 649 | 999
216 | iRobot Roomba 650 | 374.98 | 999
-----
? What action would you like to take? 
```

Ln 103, Col 47 Spaces: 4 UTF-8 CRLF JavaScript