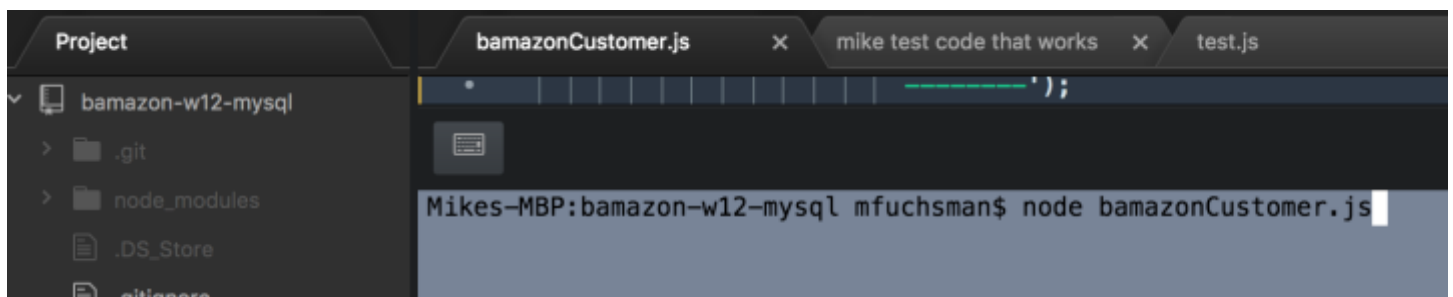
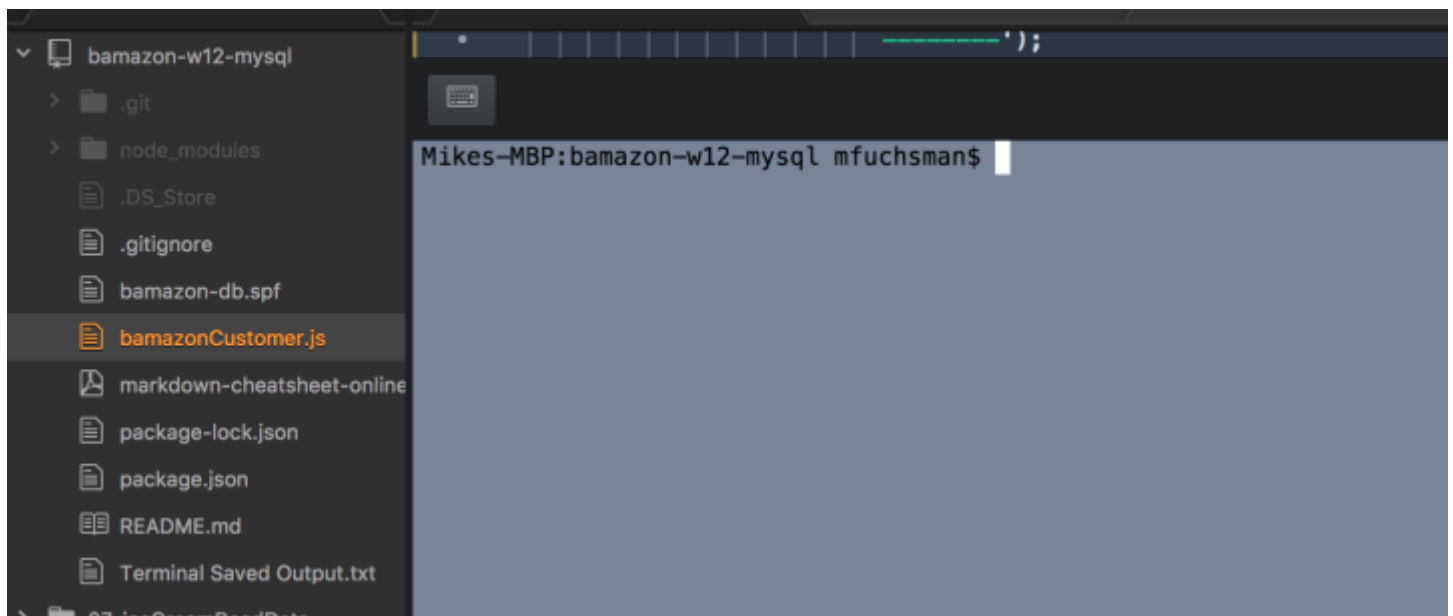


```
1 var Table = require ("cli-table");
2 var fs = require ("fs");
3 var inquirer = require ("inquirer");
4 var mysql = require ("mysql");
5 var prompt = require ("prompt");
6 var d = new Date();
7
8 var connection = mysql.createConnection({
9   host: "127.0.0.1", //localhost
10  port: 3306,
11  user: "root",
12  password: "root",
13  database: "bamazon01"
14 });
15
16 connection.connect(function(err) {
17   // if (err) throw err;
18   //console.log("You are connected as id " + connection.threadId + "\n");
19   readAmazon();
20   // displayProducts();
21 });
22
23 var readAmazon = function(){
24   console.log("Let the Buying Commence\n");
25 };
26 // readAmazon();
27 displayProducts();
28
29 function displayProducts(){
30   // if (err) throw err;
31   var table = new Table({
32     head: ['Item ID', 'Product Name', 'Department', 'Price', 'Quantity'],
33     colWidths: [11, 50, 20, 11, 11]
```



```
Project    amazonCustomer.js    mike test code that works    test.js    test3    test2.js

bamazon-w12-mysql
├── .git
├── node_modules
├── DB_store
├── .gitignore
├── bamazon-db.spf
├── amazonCustomer.js
├── markdown-cheatsheet-online
├── package-lock.json
├── package.json
├── README.md
├── Terminal Saved Output.txt
├── 07-iceCreamReadData
├── 10-GrestBay
│   ├── greatBayBasic.js
│   ├── greatBaySchema.sql
│   └── package.json
└── Solved
    ├── colleges.js
    ├── package.json
    ├── schema.sql
    ├── seeds.sql
    └── Solutions.md

Mikes-MBP:bamazon-w12-mysql mfuchsmn$ node amazonCustomer.js
Let the Buying Commence

Item ID    Product Name    Department    Price    Quantity
1    Fender American Professional Stratocaster Maple...    electric-guitars    $1399.99    8    5
2    Fender Standard Telecaster Electric Guitar    electric-guitars    $599.99    10    10
3    Fender American Professional Stratocaster Rosew...    electric-guitars    $1499.99    2    2
4    Fender Limited Edition Malaysian Blackwood Tele...    electric-guitars    $1999.99    2    2
5    Fender Jimi Hendrix Stratocaster    electric-guitars    $899.99    10    10
6    Fender Limited Edition American Professional St...    electric-guitars    $1649.99    1    1
7    Gibson 2017 Les Paul Standard T Electric Guitar    electric-guitars    $2519.00    3    3
8    Gibson 2017 SG Standard Gold Series Electric Gu...    electric-guitars    $1259.00    4    4
9    PRS McCarty 594 Figured Maple 10 Top with Nicke...    electric-guitars    $4200.00    1    1
10    PRS S2 Custom 24 with 85/15 Zebra Pickups Elect...    electric-guitars    $1449.00    3    3
11    PRS SE Custom 22 Semi-Hollow Electric Guitar    electric-guitars    $759.00    5    5
12    Gretsch Guitars G5422TG Electromatic Double Cut...    electric-guitars    $949.99    2    0
13    ESP E-II M-2 Electric Guitar    electric-guitars    $1749.00    3    3

Please select the Item ID# for the product you would like to purchase. 
```

```
schema.sql
seeds.sql
Solutions.md

11    PRS SE Custom 22 Semi-Hollow Electric Guitar    electric-guitars
12    Gretsch Guitars G5422TG Electromatic Double Cut...    electric-guitars
13    ESP E-II M-2 Electric Guitar    electric-guitars

Please select the Item ID# for the product you would like to purchase. 12
```

```
12    Gretsch Guitars G5422TG Electromatic Double Cut...    electric-guitars
13    ESP E-II M-2 Electric Guitar    electric-guitars

Please select the Item ID# for the product you would like to purchase. 12
Please enter the quantity of this item you would like to purchase. 1
```

```
Please select the Item ID# for the product you would like to purchase. 12
Please enter the quantity of this item you would like to purchase. 1

-----
We apologize but the the quantity of purchase exceeds our available inventory.

We have 0 Gretsch Guitars G5422TG Electromatic Double Cutaway Hollowbody Electric Guitar
in stock.
-----
```

? Please select the Item ID# for the product you would like to purchase. 12

? Please enter the quantity of this item you would like to purchase. 1

We apologize but the the quantity of purchase exceeds our available inventory.

We have 0 Gretsch Guitars G5422TG Electromatic Double Cutaway Hollowbody Electric Guitar in stock.

We will return you to our inventory list to select another product.

We will return you to our inventory list to select another product.

Item ID	Product Name	Department	Price	Quantity	
1	Fender American Professional Stratocaster Maple...	electric-guitars	\$1399.99	8	4
2	Fender Standard Telecaster Electric Guitar	electric-guitars	\$599.99	10	10
3	Fender American Professional Stratocaster Rosew...	electric-guitars	\$1499.99	2	2
4	Fender Limited Edition Malaysian Blackwood Tele...	electric-guitars	\$1999.99	2	2
5	Fender Jimi Hendrix Stratocaster	electric-guitars	\$899.99	10	10
6	Fender Limited Edition American Professional St...	electric-guitars	\$1649.99	1	1
7	Gibson 2017 Les Paul Standard T Electric Guitar	electric-guitars	\$2519.00	3	3
8	Gibson 2017 SG Standard Gold Series Electric Gu...	electric-guitars	\$1259.00	4	4
9	PRS McCarty 594 Figured Maple 10 Top with Nicke...	electric-guitars	\$4200.00	1	1
10	PRS S2 Custom 24 with 85/15 Zebra Pickups Elect...	electric-guitars	\$1449.00	3	3
11	PRS SE Custom 22 Semi-Hollow Electric Guitar	electric-guitars	\$759.00	5	5
12	Gretsch Guitars G5422TG Electromatic Double Cut...	electric-guitars	\$949.99	2	0
13	ESP E-II M-2 Electric Guitar	electric-guitars	\$1749.00	3	3

? Please select the Item ID# for the product you would like to purchase.

10	PRS S2 Custom 24 with 85/15 Zebra Pickups Elect...	electric-guitars	\$1449.00	3	3
11	PRS SE Custom 22 Semi-Hollow Electric Guitar	electric-guitars	\$759.00	5	5
12	Gretsch Guitars G5422TG Electromatic Double Cut...	electric-guitars	\$949.99	2	0
13	ESP E-II M-2 Electric Guitar	electric-guitars	\$1749.00	3	3

⚠ Please select the Item ID# for the product you would like to purchase. 13

⚠ Please enter the quantity of this item you would like to purchase. 1

---

Great news! We have your item in stock and will process your order immediately.

---

The total cost for  
(1)  
ESP E-II M-2 Electric Guitar  
is \$1749.

⚠ Please confirm that you agree to purchase (1)  
ESP E-II M-2 Electric Guitar  
for \$1749. Please select 1 or 2. (Use arrow keys)

1 Yes

No

The total cost for  
(1)  
ESP E-II M-2 Electric Guitar  
is \$1749.

⚠ Please confirm that you agree to purchase (1)  
ESP E-II M-2 Electric Guitar  
for \$1749. Please select 1 or 2. Yes

Thank you for supporting Bamazon's online storefront.  
You will receive an email shortly regarding payment and shipping options.

---

Sold inventory has been updated



## BEFORE DATABASE UPDATED:

(MySQL 5.6.35) localhost/bamazon01/products

Search:  Q Search

item_id	product_name	department_name	unit_price	retail_price	stock_quantity	sold_inventory	remaining_inventory
1	Fender American Professional Stratocaster Maple Fingerboard Elect...	electric-guitars	1089.00	1399.99	8	-4	4
2	Fender Standard Telecaster Electric Guitar	electric-guitars	370.00	599.99	10	0	10
3	Fender American Professional Stratocaster Rosewood Fingerboard...	electric-guitars	1100.00	1499.99	2	0	2
4	Fender Limited Edition Malaysian Blackwood Telecaster Electric Guitar	electric-guitars	1350.00	1999.99	2	0	2
5	Fender Jimi Hendrix Stratocaster	electric-guitars	550.00	899.99	10	0	10
6	Fender Limited Edition American Professional Stratocaster with Ros...	electric-guitars	1240.00	1649.99	1	0	1
7	Gibson 2017 Les Paul Standard T Electric Guitar	electric-guitars	1800.00	2519.00	3	0	3
8	Gibson 2017 SG Standard Gold Series Electric Guitar	electric-guitars	900.00	1259.00	4	0	4
9	PRS McCarty 594 Figured Maple 10 Top with Nickel Hardware Elec...	electric-guitars	3200.00	4200.00	1	0	1
10	PRS S2 Custom 24 with B5/15 Zebra Pickups Electric Guitar	electric-guitars	800.00	1449.00	3	0	3
11	PRS SE Custom 22 Semi-Hollow Electric Guitar	electric-guitars	500.00	759.00	5	0	5
12	Gretsch Guitars GS422TGS Electromatic Double Cutaway Hollowbo...	electric-guitars	625.00	949.99	2	-2	0
13	ESP E-II M-2 Electric Guitar	electric-guitars	1300.00	1749.00	3	0	3

## AFTER DATABASE UPDATED:

Search:  Filter

item_id	product_name	department_name	unit_price	retail_price	stock_quantity	sold_inventory	remaining_inventory
1	Fender American Professional Stratocaster Maple Fingerboard Electric Guitar	electric-guitars	1089.00	1399.99	8	-4	4
2	Fender Standard Telecaster Electric Guitar	electric-guitars	370.00	599.99	10	0	10
3	Fender American Professional Stratocaster Rosewood Fingerboard Electric Guitar	electric-guitars	1100.00	1499.99	2	0	2
4	Fender Limited Edition Malaysian Blackwood Telecaster Electric Guitar	electric-guitars	1350.00	1999.99	2	0	2
5	Fender Jimi Hendrix Stratocaster	electric-guitars	550.00	899.99	10	0	10
6	Fender Limited Edition American Professional Stratocaster with Rosewood Nic...	electric-guitars	1240.00	1649.99	1	0	1
7	Gibson 2017 Les Paul Standard T Electric Guitar	electric-guitars	1800.00	2519.00	3	0	3
8	Gibson 2017 SG Standard Gold Series Electric Guitar	electric-guitars	900.00	1259.00	4	0	4
9	PRS McCarty 594 Figured Maple 10 Top with Nickel Hardware Electric Guitar	electric-guitars	3200.00	4200.00	1	0	1
10	PRS S2 Custom 24 with B5/15 Zebra Pickups Electric Guitar	electric-guitars	800.00	1449.00	3	0	3
11	PRS SE Custom 22 Semi-Hollow Electric Guitar	electric-guitars	500.00	759.00	5	0	5
12	Gretsch Guitars GS422TGS Electromatic Double Cutaway Hollowbody Electric Guitar	electric-guitars	625.00	949.99	2	-2	0
13	ESP E-II M-2 Electric Guitar	electric-guitars	1300.00	1749.00	3	-1	2