bamazonCustomer.js

When you initially run the application, it will display all of the items available for sale:

```
[Sarahs-MacBook:bamazon sarahg$ node bamazonCustomer.js
connected as id 110
```

ID	Product	Department	Price	Stock Quantity
1	Kindle	electronics	80	100
2	TV	electronics	900	50
3	Candyland	toys	13	65
4	teddy bear	toys	10	70
5	mascara	beauty	13	55
6	lipstick	beauty	15	40
7	Harry Potter	books	9	38
8	The Hunger Games	books	8	80
9	dress	clothing	30	25
10	pants	clothing	50	84
11	sneakers	clothing	100	2
12	Smartphone	electronics	799	10
13	scarf	clothing	10	35

```
? Input the ID of the product you would like to buy:
```

Then it inquires:

- Input the ID of the product you would like to buy:
- How many units do you want to buy?

If there's not enough in stock then you'll get an "Insufficient quantity!" message:

```
| 11   | sneakers    | clothing    | 100   | 2      |

| 12   | Smartphone  | electronics | 799   | 10     |

| 13   | scarf       | clothing    | 10    | 35     |

? Input the ID of the product you would like to buy: 11
? How many units do you want to buy? 5
Insufficient quantity!
Sarahs-MacBook:hamazon saraha$
```

If there is enough in stock, the stock quantity is updated in the table and user is presented how much they owe:

```
| 10   | pants       | clothing    | 50    | 84     |

| 11   | sneakers    | clothing    | 100   | 2      |

| 12   | Smartphone  | electronics | 799   | 10     |

| 13   | scarf       | clothing    | 10    | 35     |

? Input the ID of the product you would like to buy: 10
? How many units do you want to buy? 2
stock has been updated
You owe $100
Sarahs-MacBook:hamazon saraha$
```

Result from mysql:

```
mysql> select * from products;
+----+-----------------+-----------------+-------+----------------+
| id | product_name    | department_name | price | stock_quantity |
+----+-----------------+-----------------+-------+----------------+
|  1 | Kindle          | electronics     |    80 |            100 |
|  2 | TV              | electronics     |   900 |             50 |
|  3 | Candyland       | toys            |    13 |             65 |
|  4 | teddy bear      | toys            |    10 |             70 |
|  5 | mascara         | beauty          |    13 |             55 |
|  6 | lipstick        | beauty          |    15 |             40 |
|  7 | Harry Potter    | books           |     9 |             38 |
|  8 | The Hunger Games| books           |     8 |             80 |
|  9 | dress           | clothing        |    30 |             25 |
| 10 | pants           | clothing        |    50 |             82 |
| 11 | sneakers        | clothing        |   100 |              2 |
| 12 | Smartphone      | electronics     |   799 |             10 |
| 13 | scarf           | clothing        |    10 |             35 |
+----+-----------------+-----------------+-------+----------------+
13 rows in set (0.00 sec)
```

bamazonManager.js

When you initially run the application, it will ask what you would like to do:

```
[Sarahs-MacBook:bamazon sarahg$ node bamazonManager.js
connected as id 112

? Please select what you would like to do: (Press <space> to sele
> to invert selection)
>○View Products for Sale
 ○View Low Inventory
 ○Add to Inventory
 ○Add New Product
```

If you select "View Products for Sale," table of products is displayed:

```
? Please select what you would like to do: View Products for Sale
```

ID	Product	Department	Price	Stock Quantity
1	Kindle	electronics	80	100
2	TV	electronics	900	50
3	Candyland	toys	13	65
4	teddy bear	toys	10	70
5	mascara	beauty	13	55
6	lipstick	beauty	15	40
7	Harry Potter	books	9	38
8	The Hunger Games	books	8	80
9	dress	clothing	30	25
10	pants	clothing	50	82
11	sneakers	clothing	100	2
12	Smartphone	electronics	799	10
13	scarf	clothing	10	35

If you select "View Low Inventory," items that are below 5 in stock quantity will display:

```
? Please select what you would like to do: View Low Inventory
+-----+------------------+--------------+-------+----------------+
| ID  | Product          | Department   | Price | Stock Quantity |
+-----+------------------+--------------+-------+----------------+
| 11  | sneakers         | clothing     | 100   | 2              |
+-----+------------------+--------------+-------+----------------+
Sarahs-MacBook:bamazon sarahg$
```

If you select "Add to Inventory," it inquires which item ID you want to add to and how much to add:

```
[Sarahs-MacBook:bamazon sarahg$ node bamazonManager.js
connected as id 114

? Please select what you would like to do: Add to Inventory
[? Input the ID of the item you want to add more of: 8
[? How much do you want to add? 6
ID #8 has been updated
Sarahs-MacBook:bamazon sarahg$
```

Result from mysql:

```
[mysql> select * from products;
+----+------------------+-----------------+-------+----------------+
| id | product_name     | department_name | price | stock_quantity |
+----+------------------+-----------------+-------+----------------+
|  1 | Kindle           | electronics     |    80 |            100 |
|  2 | TV               | electronics     |   900 |             50 |
|  3 | Candyland        | toys            |    13 |             65 |
|  4 | teddy bear       | toys            |    10 |             70 |
|  5 | mascara          | beauty          |    13 |             55 |
|  6 | lipstick         | beauty          |    15 |             40 |
|  7 | Harry Potter     | books           |     9 |             38 |
|  8 | The Hunger Games | books           |     8 |             86 |
|  9 | dress            | clothing        |    30 |             25 |
| 10 | pants            | clothing        |    50 |             82 |
| 11 | sneakers         | clothing        |   100 |              2 |
| 12 | Smartphone       | electronics     |   799 |             10 |
| 13 | scarf            | clothing        |    10 |             35 |
+----+------------------+-----------------+-------+----------------+
13 rows in set (0.00 sec)
```

If you select "Add New Product, " it will inquire what new item you want to add and etc.:

```
? Please select what you would like to do: Add New Product
? Input the PRODUCT NAME of the new item: Connect Four
? Input the DEPARTMENT of the new item: toys
? Input the PRICE of the new item: 8.79
? Input the QUANTITY of the new item: 22
Number of records inserted: 1
Sarahs MacBook:bamazon sarahs
```

Result from mysql:

```
[mysql> select * from products;
+----+------------------+-----------------+-------+----------------+
| id | product_name     | department_name | price | stock_quantity |
+----+------------------+-----------------+-------+----------------+
|  1 | Kindle           | electronics     |    80 |            100 |
|  2 | TV               | electronics     |   900 |             50 |
|  3 | Candyland        | toys            |    13 |             65 |
|  4 | teddy bear       | toys            |    10 |             70 |
|  5 | mascara          | beauty          |    13 |             55 |
|  6 | lipstick         | beauty          |    15 |             40 |
|  7 | Harry Potter     | books           |     9 |             38 |
|  8 | The Hunger Games | books           |     8 |             86 |
|  9 | dress            | clothing        |    30 |             25 |
| 10 | pants            | clothing        |    50 |             82 |
| 11 | sneakers         | clothing        |   100 |              2 |
| 12 | Smartphone       | electronics     |   799 |             10 |
| 13 | scarf            | clothing        |    10 |             35 |
| 14 | Connect Four     | toys            |     9 |             22 |
+----+------------------+-----------------+-------+----------------+
14 rows in set (0.01 sec)
```