```
Comment
                                                                     Screen
                                                                     MINGW64:/c/Users/majed/Projects/CourseWork/Assignments/Assignment9/bamazon
Get list of all products
                                                                       ajed@Dell MINGW64 ~/Projects/CourseWork/Assignments/Assignment9/bamazon (master)
                                                                        node bamazon.js
                                                                     **bamazon connection started**
                                                                    (ID:1): Samsung phone is for sale at: $400 (ID:2): IPHONE phone is for sale at: $100 (ID:3): Raven is for sale at: $10 (ID:4): The Old Man and the Sea is for sale at: $5 (ID:5): Nike is for sale at: $10 (ID:6): Rebock is for sale at: $12 (ID:7): Pots is for sale at: $20 (ID:8): Pans is for sale at: $10 (ID:9): Spoons is for sale at: $12 (ID:10): knives is for sale at: $77
                                                                        What would you like to do?
                                                                       (Use arrow keys)
Buy an item
                                                                        Search for an item
                                                                        exit
Buy a product. Note that the total due is
                                                                        What would you like to do?
calculated and displayed to the user.
                                                                        Enter the ID of the product you would like to purchase
                                                                        Enter the quantity you would like to purchase
                                                                      *********
                                                                     Thank you for purchasing 2 of Samsung phone. The total due is: $800
                                                                    (ID:1): Samsung phone is for sale at: $400
(ID:2): IPHONE phone is for sale at: $100
(ID:3): Raven is for sale at: $10
(ID:4): The Old Man and the Sea is for sale at: $5
(ID:5): Nike is for sale at: $10
(ID:6): Rebock is for sale at: $12
(ID:7): Pots is for sale at: $20
(ID:8): Pans is for sale at: $10
(ID:9): Spoons is for sale at: $10
(ID:9): Spoons is for sale at: $12
                                                                     (ID:1): Samsung phone is for sale at: $400
                                                                     (ID:10): knives is for sale at: $77
                                                                      ***********
                                                                        What would you like to do?
                                                                       (Use arrow keys)
                                                                        Buy an item
                                                                        Search for an item
                                                                         exit
```

```
Product not found
                                                          What would you like to do?
                                                         Buy an item
                                                          Enter the ID of the product you would like to purchase
                                                          Enter the quantity you would like to purchase
                                                       There are no products with this ID
                                                       ********
                                                       (ID:1): Samsung phone is for sale at: $400
                                                       (ID:2): IPHONE phone is for sale at: $100
(ID:3): Raven is for sale at: $10
(ID:4): The Old Man and the Sea is for sale at: $5
(ID:5): Nike is for sale at: $10
                                                       (ID:6): Rebock is for sale at: $12
                                                       (ID:7): Pots is for sale at: $20
(ID:8): Pans is for sale at: $10
(ID:9): Spoons is for sale at: $12
                                                       (ID:10): knives is for sale at: $77
                                                        **********
                                                          What would you like to do?
                                                         (Use arrow keys)
                                                          Buy an item
                                                          Search for an item
                                                          exit
Product quantity not possible
insufficient quantity
                                                          What would you like to do?
                                                          Enter the ID of the product you would like to purchase
                                                         Enter the quantity you would like to purchase
                                                       Insufficient quantity!
                                                        There are only 6 remaining. Please select the quantity within that range.
                                                      (ID:1): Samsung phone is for sale at: $400 (ID:2): IPHONE phone is for sale at: $100 (ID:3): Raven is for sale at: $10 (ID:4): The Old Man and the Sea is for sale at: $5 (ID:5): Nike is for sale at: $10 (ID:6): Rebock is for sale at: $12 (ID:7): Pots is for sale at: $20 (ID:8): Pans is for sale at: $10 (ID:9): Spoons is for sale at: $12 (ID:10): knives is for sale at: $77
                                                          What would you like to do?
                                                         (Use arrow keys)
                                                          Buy an item
                                                          Search for an item
                                                          exit
```

```
0 product remaining
insufficient quantity
                                                               What would you like to do?
                                                              Enter the ID of the product you would like to purchase
                                                               Enter the quantity you would like to purchase
                                                            Insufficient quantity!
                                                             There are only 0 remaining. Please select the quantity within that range.
                                                             *******
                                                           (ID:1): Samsung phone is for sale at: $400 (ID:2): IPHONE phone is for sale at: $100 (ID:3): Raven is for sale at: $10 (ID:4): The Old Man and the Sea is for sale at: $5 (ID:5): Nike is for sale at: $10 (ID:6): Rebock is for sale at: $12 (ID:7): Pots is for sale at: $20 (ID:8): Pans is for sale at: $10 (ID:9): Spoons is for sale at: $12 (ID:9): Rebock is for sale at: $10 (ID:9): Spoons is for sale at: $12 (ID:10): knives is for sale at: $77
                                                              What would you like to do? (Use arrow keys)
                                                               Buy an item
Search for an item
                                                               exit
                                                             ***********
exact search
                                                               What would you like to do?
                                                              Search for an item
                                                               Enter the product name you are looking for.
                                                              Spoons
                                                            (ID:9): Spoons found. There are 20 remaining and is for sale at: $12
                                                            ********
                                                              What would you like to do? (Use arrow keys)
                                                               Buy an item
                                                               Search for an item
                                                               exit
```

```
$ node bamazon.js
partial search
                                                  **bamazon connection started**
                                                 (ID:1): Samsung phone is for sale at: $400 (ID:2): IPHONE phone is for sale at: $100 (ID:3): Raven is for sale at: $10 (ID:4): The Old Man and the Sea is for sale at: $5 (ID:5): Nike is for sale at: $10 (ID:6): Rebock is for sale at: $12 (ID:7): Pots is for sale at: $20 (ID:8): Pans is for sale at: $10 (ID:9): Spoons is for sale at: $12 (ID:10): knives is for sale at: $77
                                                  ***********
                                                   What would you like to do?
                                                    Enter the product name you are looking for.
                                                 (ID:1): Samsung phone found. There are 6 remaining and is for sale at: $400 (ID:2): IPHONE phone found. There are 5 remaining and is for sale at: $100
                                                    What would you like to do?
                                                   (Use arrow keys)
                                                   Buy an item
Search for an item
                                                    exit
                                                  *********
no result search
                                                    What would you like to do?
                                                   Search for an item
                                                    Enter the product name you are looking for.
                                                   boooots
                                                 No results found
                                                  *********
                                                    What would you like to do?
                                                   (Use arrow keys)
                                                    Buy an item
                                                    Search for an item
                                                     exit
                                                 select item_id, product_name, department_name, price, stock_quantity
DB Product List
                                                 from products
                                                  1 Samsung phone
                                                                                         Electronic
                                                                                                             4006
                                                                                         Electronic
                                                                                                             1005
                                                  2 IPHONE phone
                                                  3 Raven
                                                                                         Books
                                                                                                             10 6
                                                  4 The Old Man and the Sea Books
                                                                                                             5
                                                                                                                 1
                                                  5 Nike
                                                                                         Shoes
                                                                                                             10 0
                                                  6 Rebock
                                                                                         Shoes
                                                                                                             12 3
                                                  7 Pots
                                                                                         Kitchen Stuff 20 10
                                                                                         Kitchen Stuff 10 25
                                                  8 Pans
```

	9 Spoons 10 knives	Kitchen Stuff 12 20 Kitchen Stuff 77 5	
exit	********* ? What would you like to do? exit Good by!		
	bamazon connectione ended		
	<pre>majed@Dell MINGW64 ~/Projects/CourseW6 \$ </pre>	/ork/Assignments/Assignment9/bamazon (master)	