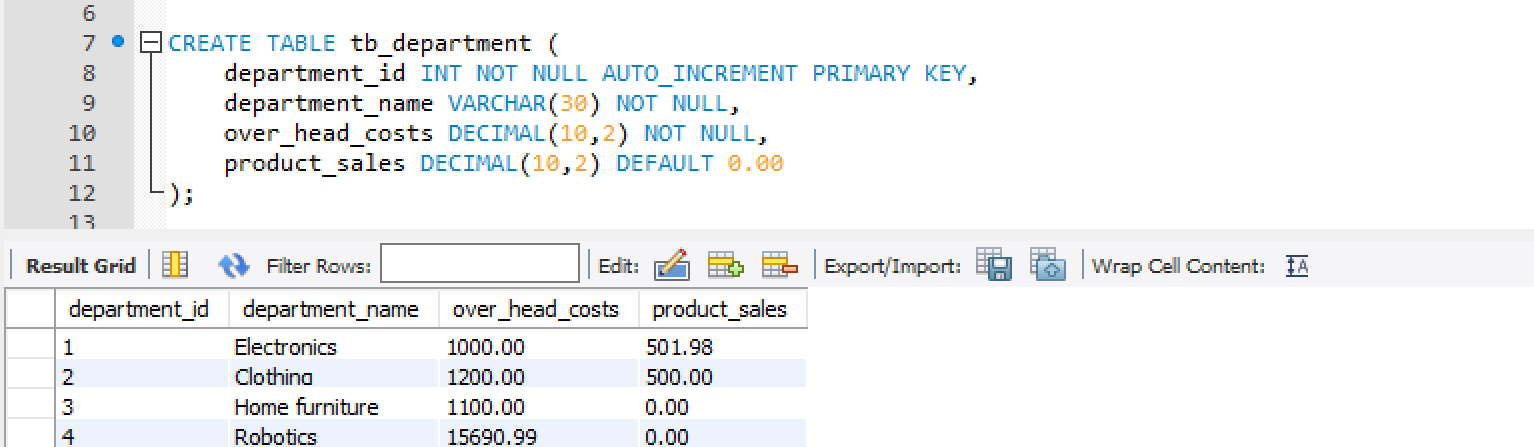
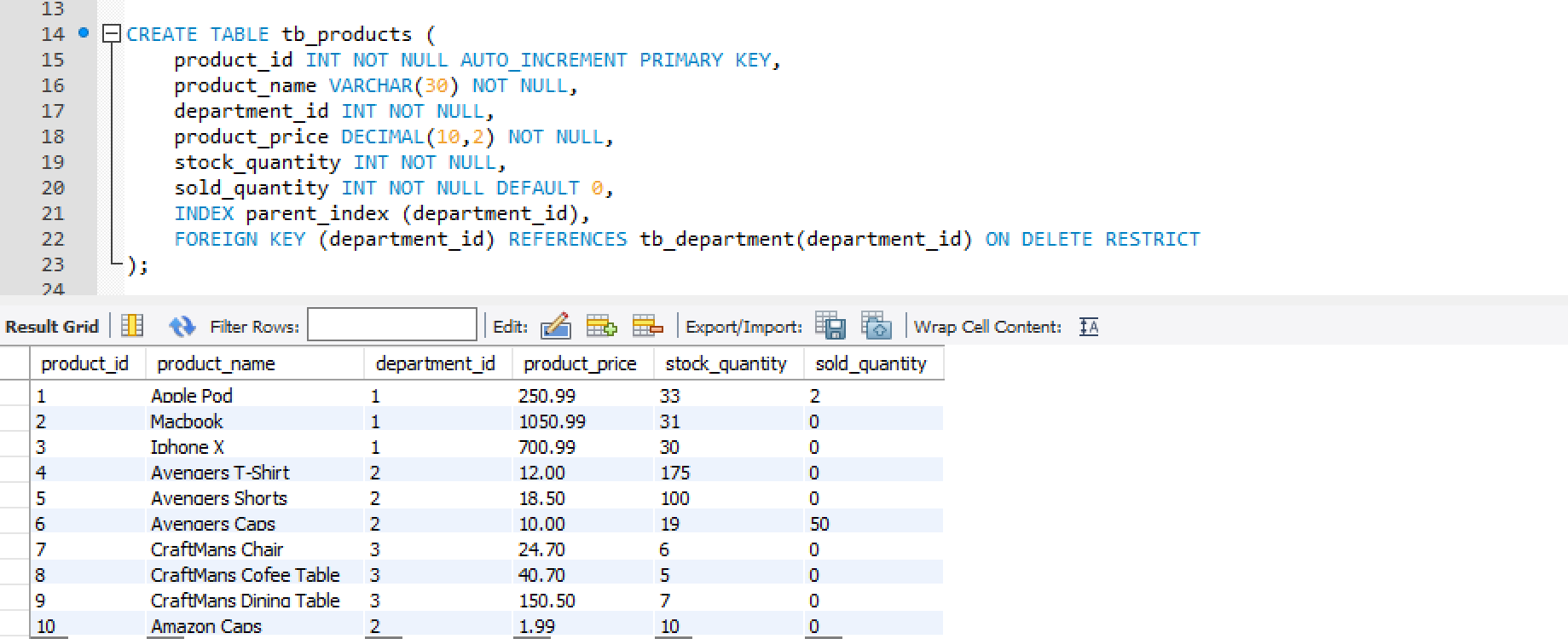
**Bamazon workflow:**

**Department table:**

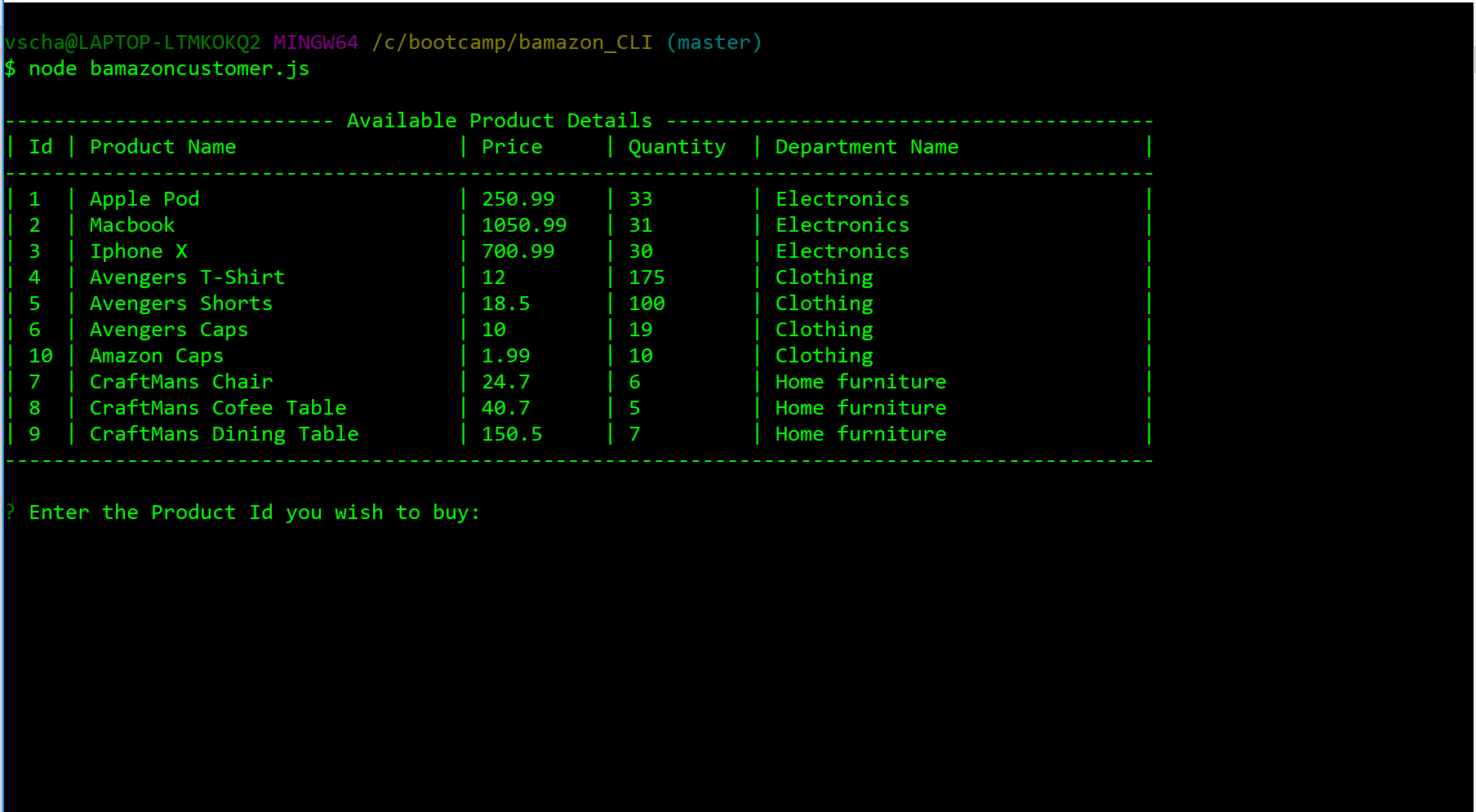
****

**Product table:**

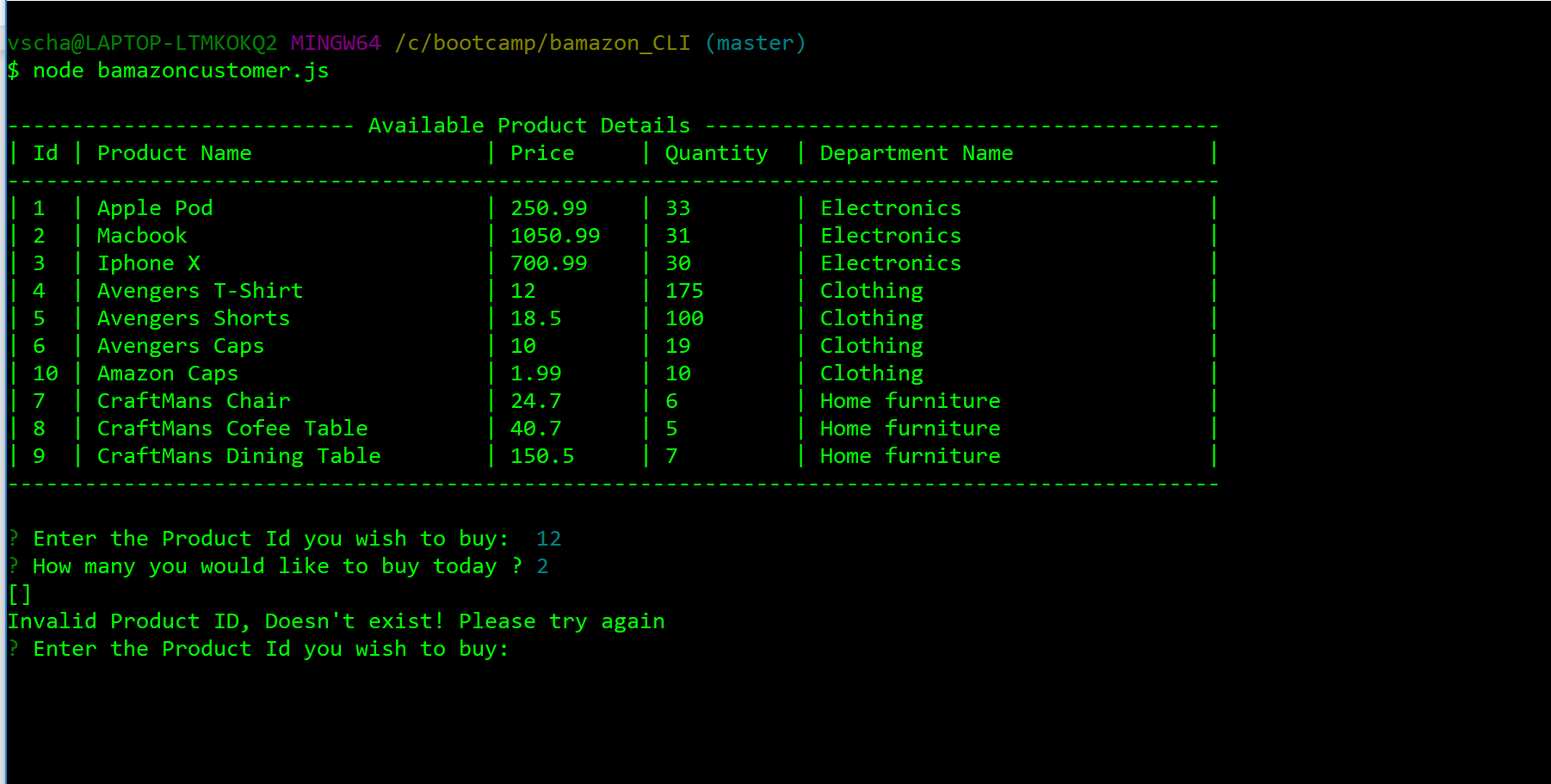
****

Customer View:

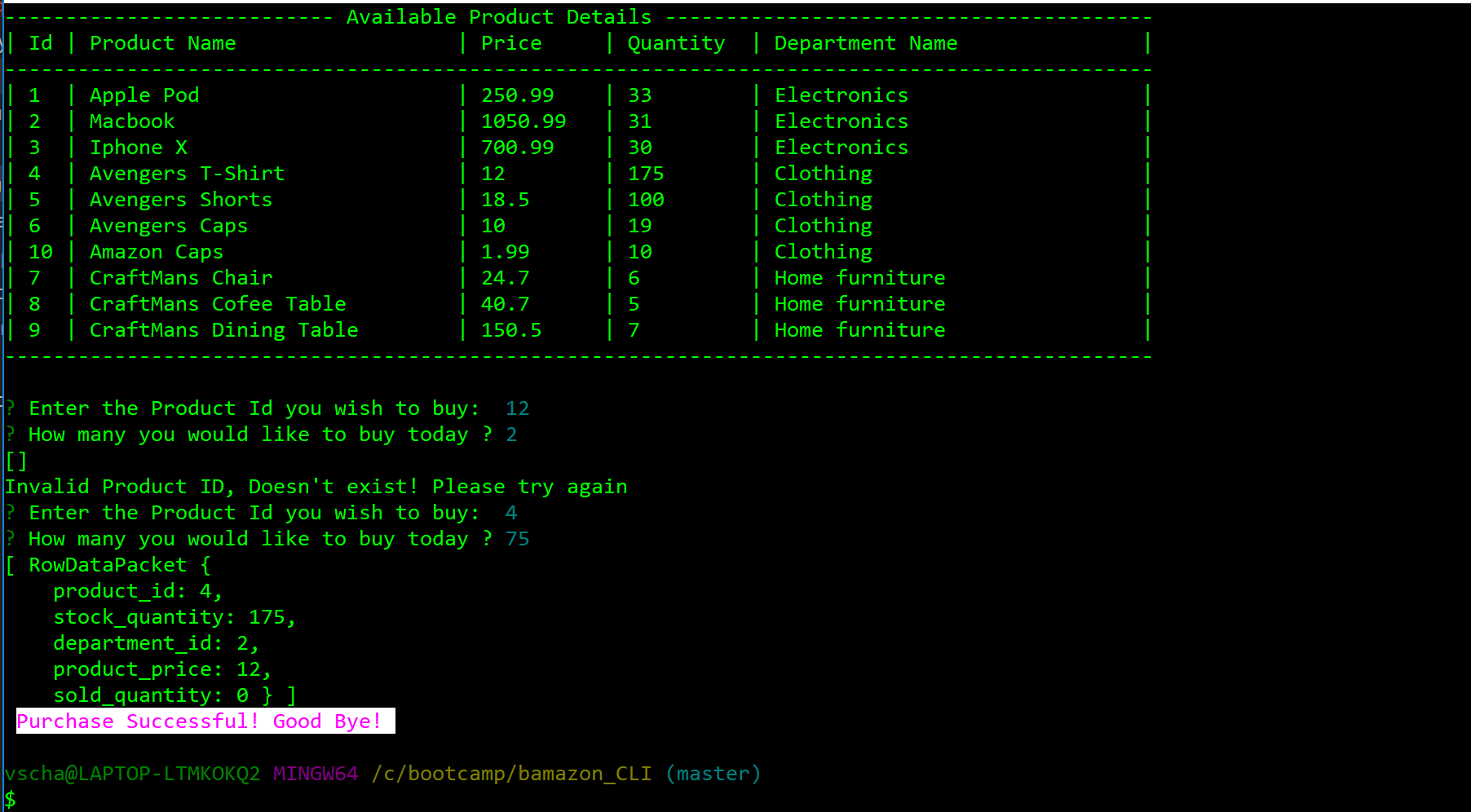
1. On running bamazoncustomer.js , lists all available products & asks product to buy



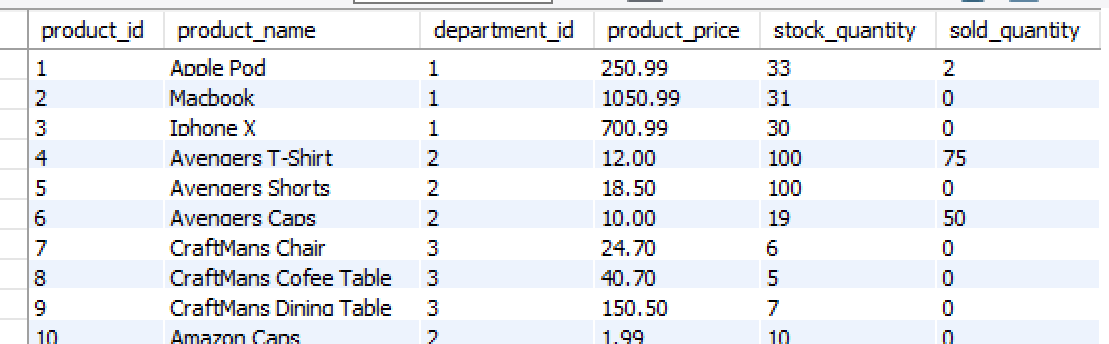
B. choose invalid product ID (not inlist/ non-numeric) , it shows invalid product & asks user to enter again

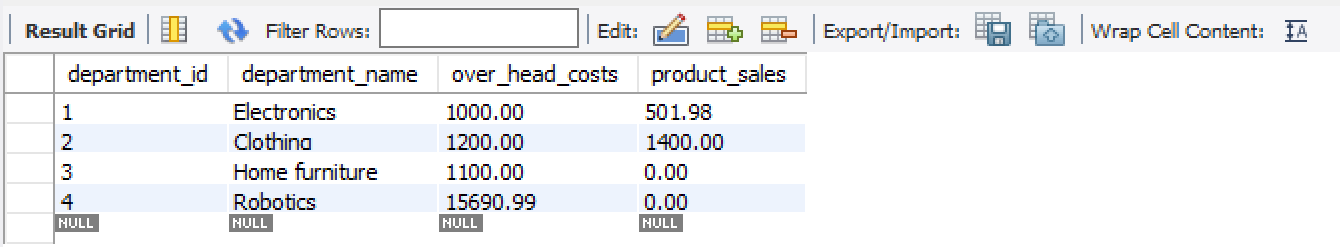


C. Enter valid information: It will show success message & decreases the quantity & also adds the total sales amount to respective department table.



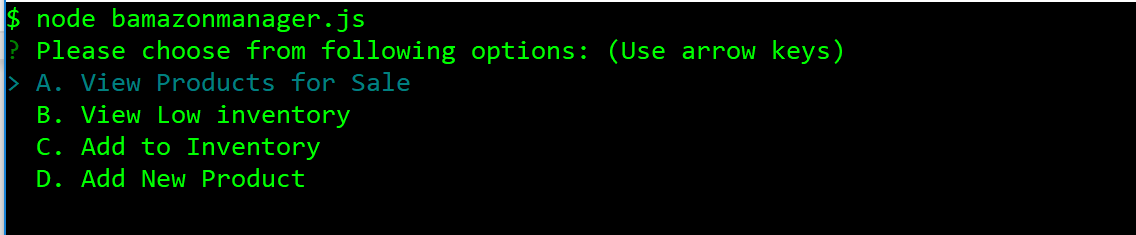
After above transaction new tables looks like below (product table- product\_id #4, 75 stock reduced and sold increased) & sales table - for dept\_id#2 increased by 75\*12



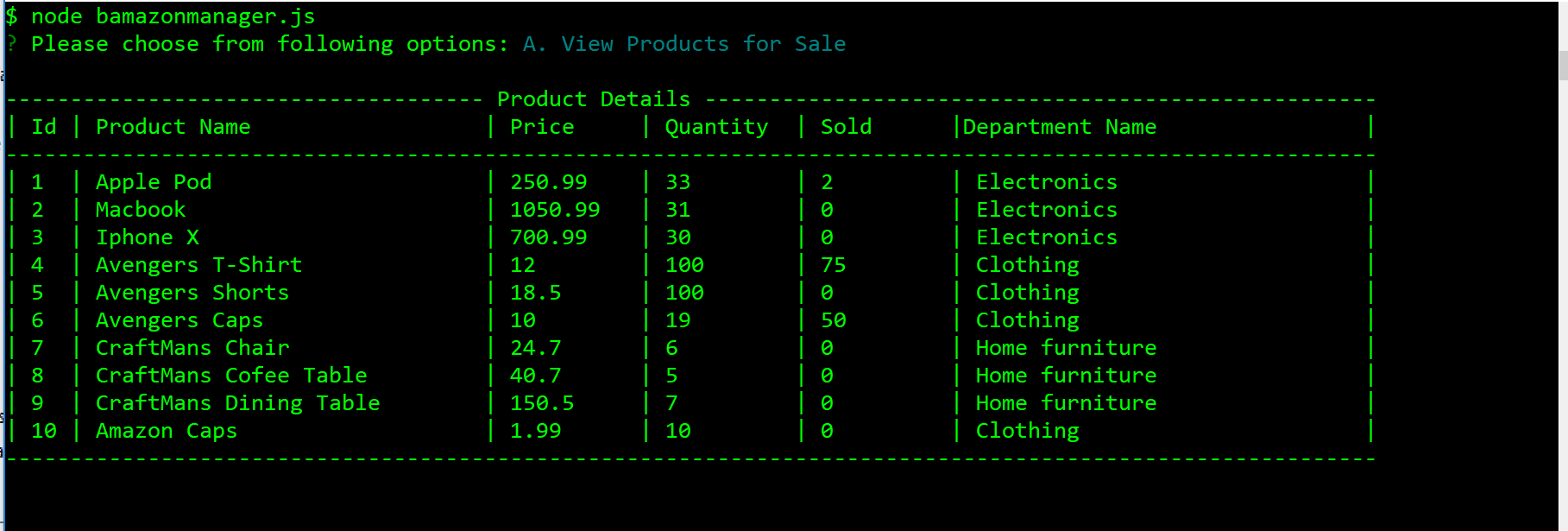


Manager view :

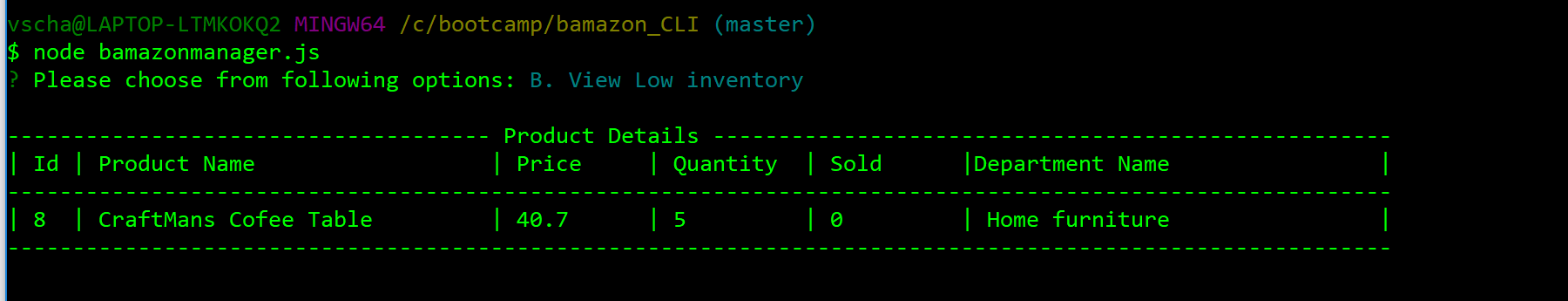
-> On running bamazonmanager.js, shows various options



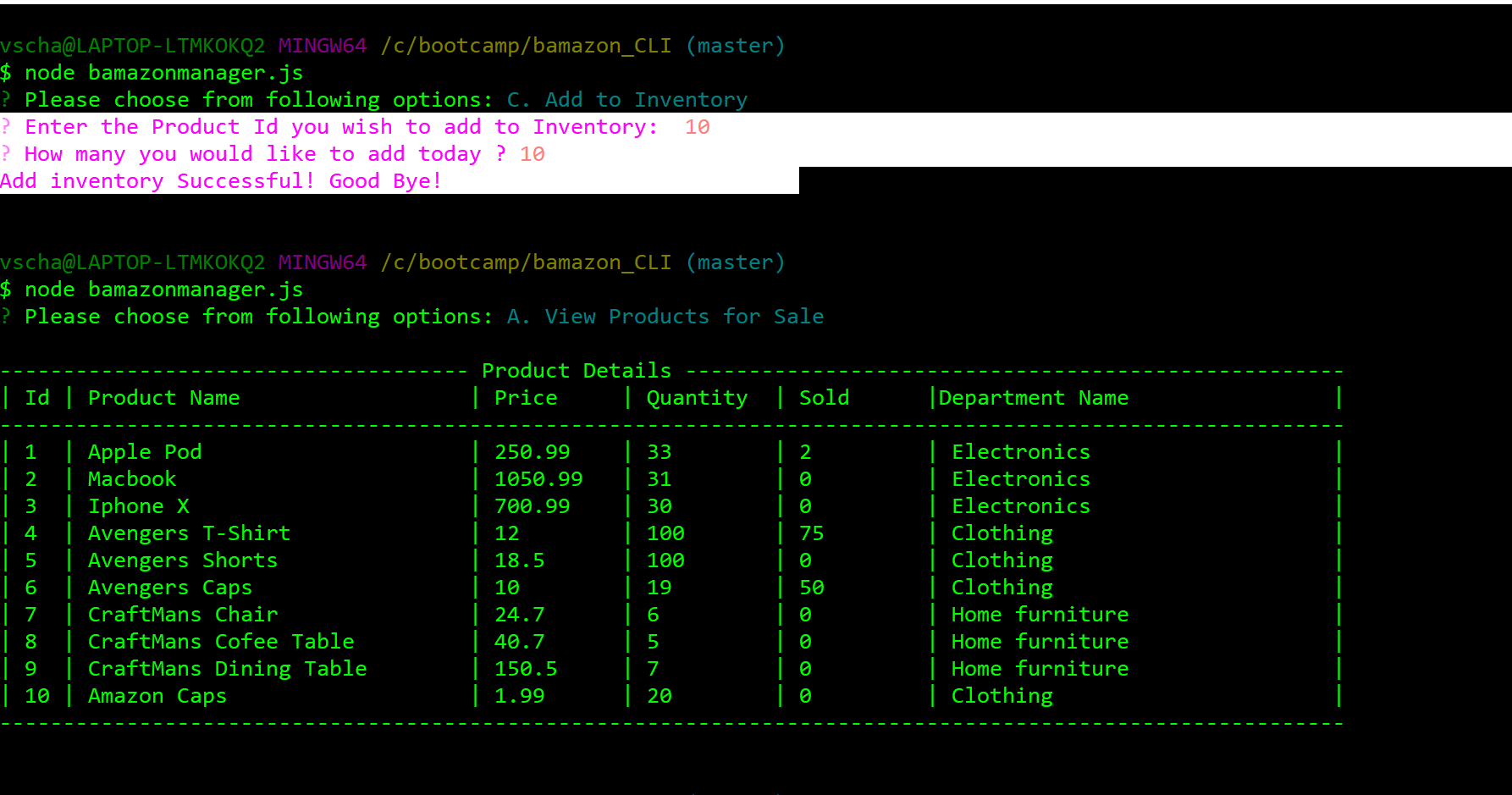
-> on selecting option.A, view products for same ( it also shows number of sold column for manager)



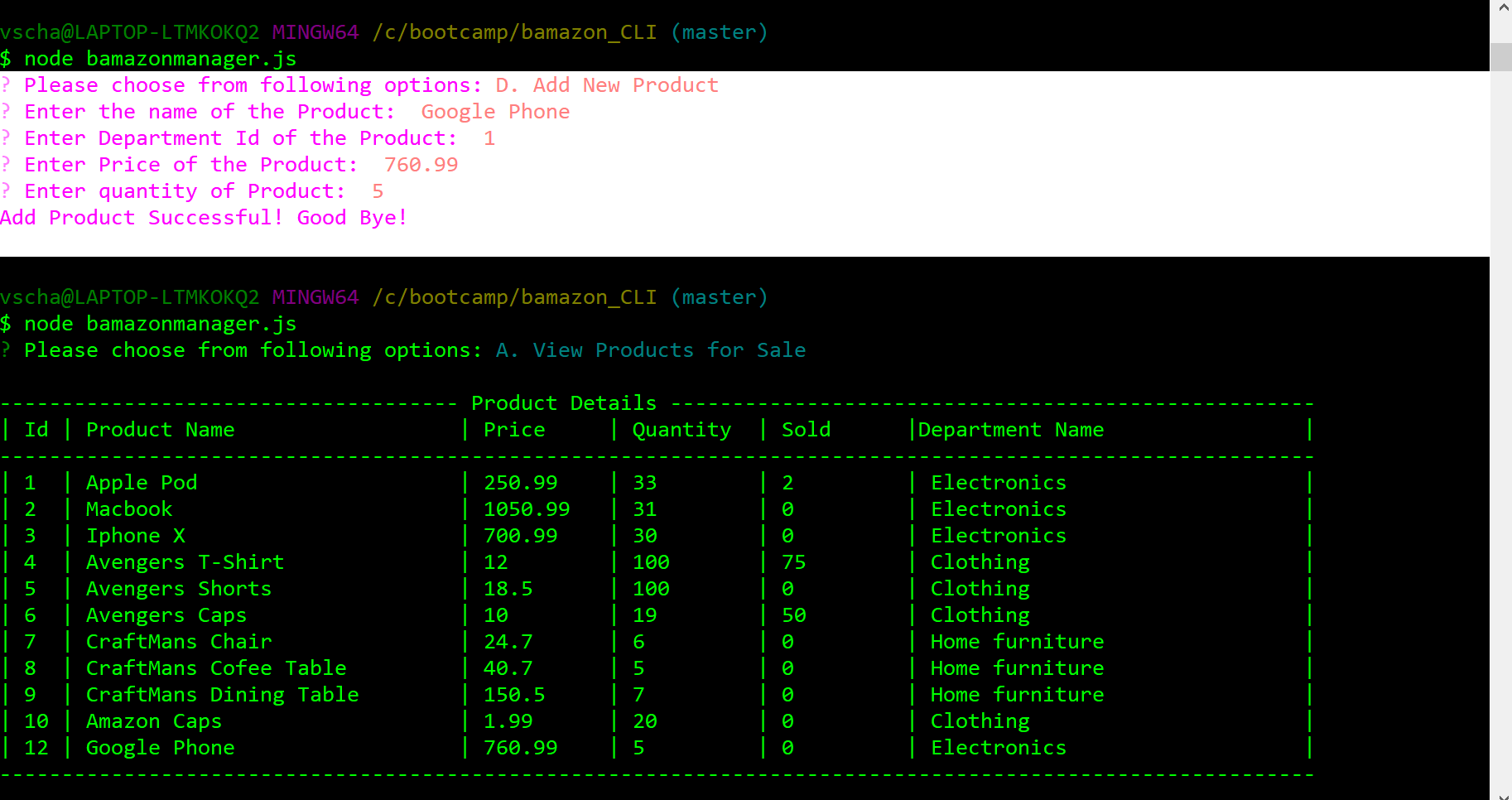
-> on selecting option.B, shows low inventory less or equal to 5



-> on selecting option.C, we can add quantity to existing products (add inventory) - In below example product\_Id #10 added with 10 more.

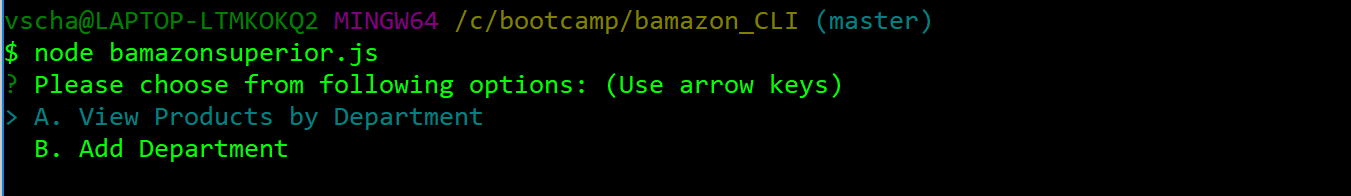


-> on selecting option.D , we can add new product. In below sample , I added new product “Google Phone” with Quantity as 5 with proce of 760.99 under department\_id#1 (electronics), auto incremented to #12 ( I guess 11 was earlier created and deleted during testing)

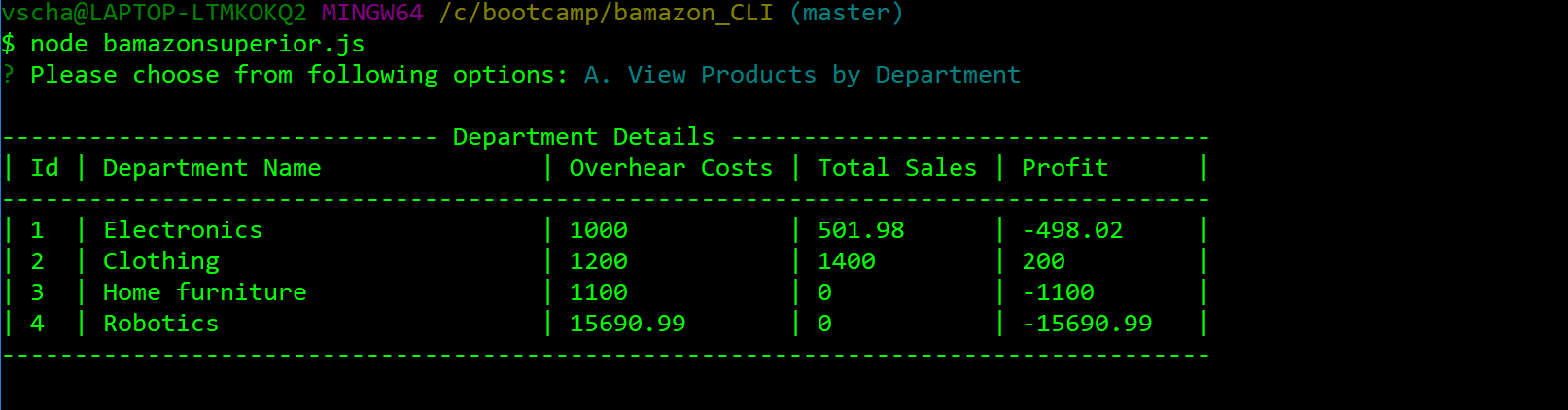


Superior View:

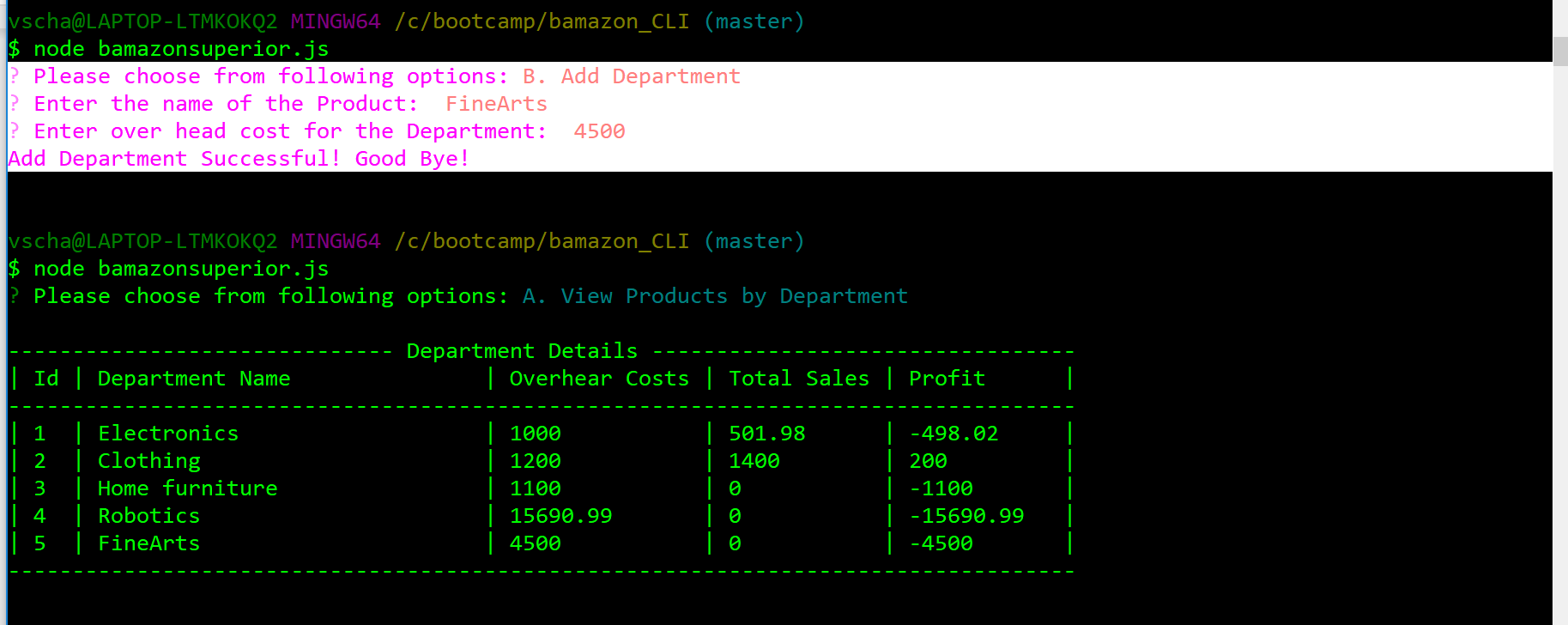
-> On running bamazonsuperior.js, shows various options



-> on selecting option.A, shows the all items sold by department with their profit ( overhead - total sales) - As asked , the profit is not stored in DB but calculated.



-> on selecting option.B, we can insert new department . In the example below, I have added “FineArts” with overhead of 4500.00



PS : Also most of error handling is coded to handle zeroes , non spaces etc.