Module 04 Practice Exercises

# Instructions

Read the exercise and attempt to write the code necessary to run the query. DO NOT enter anything in the code column of the table below. After you write your code run it and see if you can see the same results that I did when I ran my query. Lastly, change the text color in the code column from white to black and compare it to your sample code.

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| Exercise | Expected Output | Code (Change Text to Black, to View Answers) |
| 1. Display all records in the customer table. |  | select \* from customer |
| 1. Display all records in the customer table, sorted by zip code in ascending order. |  | select \* from customer  order by customerzip |
| 1. Display customer names from the customer table and display them in ascending order by customer id but do not display the customer id. |  | select customername from customer  order by customeridBY customerid; |
| 1. Display all records in the customer table that have a zip code between 60000 and 60600. |  | select \* from customer  where customerzip BETWEEN  60000 AND 60600 customerzip < '60600'; |
| 1. Display all products with a price greater than $100. |  | select \* from product  where productprice > 100productprice > 100; |

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| Exercise | Expected Output | Code |
| 1. Display all records in the customer table. |  | select \* from customerrom customer; |
| 1. Display a list of all customer names and the products that they have purchased. Hint: This one is really complex. You will select two fields from four tables and require a where clause with three conditions. |  | select customername, productname from soldvia sv  join product p on p.productid = sv.productid  join salestransaction2 st on st.tid = sv.tid  join customer c on c.customerid = st.customerid |
| 1. Display a list of customers and the dates of their purchases. |  | select s.customerid, customername, tdate from salestransaction2 s  join customer c on c.customerid = s.customerid |
| 1. Let’s turn it up a notch. Add a customer named John Doe. Display a list of all customers and the dates of their purchases, including customers with no purchases. |  | insert into customer values('5-5-555','John Doe',62615)  select c.customerid, customername, tdate from customer c  left outer join salestransaction2 s on s.customerid = c.customerid |
| 1. See if you can figure out how to display only those customers who have never made a purchase. | Solution not provided. | select c.customerid, customername, tdate from customer c  left outer join salestransaction2 s on s.customerid = c.customerid  where tdate is null |