Complete the following Chapter 4 Exercises using TAL Distributors.

Do this project using pair programming, where the driver runs the keyboard and the navigator gives instructions to the driver. Switch who is driver and navigator after the first 3 exercises.

Place the SELECT statement in the first column. Use the snipping tool to copy and paste the results of running the SELECT statement into the second column.

15 points.

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| Select Statement | Results: Use snipping tool to show answer. |
| LIKE  SELECT CUSTOMER\_Num, CUSTOMER\_NAME, STREET, CITY, State, POSTAL\_CODE  From CUSTOMER  WHERE STREET LIKE '%Columbus%' | List the number, name and complete address for each customer located on a street that contains the letters “Columbus”. |
| COUNT  SELECT COUNT (\*)  From ITEM  WHERE CATEGORY = 'GME' | How many items are in category GME? |
| SUM  SELECT COUNT(\*), SUM(balance)  From CUSTOMER | Find the total number of TAL Distributors customers and the total of their balances. |
| AVG. MAX, MIN | Find the sum of all balances, the average balance, the maximum balance and the minimum balance of all TAL Distributors customers. |
| No where  SELECT CUSTOMER\_NUM  From ORDERS | List all the customer numbers who have orders in the TAL Distributors database. |
| DISTINCT  SELECT DISTINCT(CUSTOMER\_NUM)  From ORDERS | List all the customer numbers who have orders in the TAL Distributors database. Do not duplicate any Customer Number. |
| COUNT  SELECT COUNT(CUSTOMER\_NUM)  From ORDERS  SELECT COUNT(distinct (CUSTOMER\_NUM))  From ORDERS | Find the count of orders.    Find the count of customers |
| Two steps  SELECT ITEM\_NUM  From ITEM  WHERE category = 'PZL'  SELECT ORDER\_NUM  From ORDER\_LINE  WHERE item\_num in ('DR67', 'FH24', 'KD32', 'MT03') | List the Number of each item on the category PZL    List the order numbers that contain an order line for an item in category PZL. |
| Subquery  SELECT ORDER\_NUM  From ORDER\_LINE  WHERE item\_num in (SELECT ITEM\_NUM FROM ITEM WHERE CATEGORY = 'PZL') | List the order numbers that contain an order line for an item in category PZL. |
| Subquery  SELECT CUSTOMER\_NUM, CUSTOMER\_NAME, BALANCE  From CUSTOMER  WHERE BALANCE > (SELECT AVG(BALANCE)FROM CUSTOMER) | List the number, name and balance for each customer whose balance exceeds the average balance of all customers. |
| 14.  SELECT COUNT (BALANCE)  From CUSTOMER  WHERE BALANCE > CREDIT\_LIMIT | 14. How many customers have balances that are more than their credit limits. |
| 15.  SELECT SUM (BALANCE)  From CUSTOMER  WHERE REP\_NUM = '15' AND BALANCE < CREDIT\_LIMIT | 15. Find the total of the balances for all customers represented by sales rep 15 with balances that are less than their credit limits. |
| 16. | 16. List the item number, description and on hand value of each item whose number of unit on hand is more than the average number of units on hand for all items. |
| 17.  SELECT MIN(PRICE)  From ITEM | 17. What is the price of the least expensive item in the database. |
| 18.  SELECT ITEM\_NUM, DESCRIPTION, PRICE  From ITEM  WHERE PRICE = (SELECT MIN(PRICE) FROM (ITEM) ) | 18. What is the item number, description and price of the least expensive item in the database. |