

1. Display the average price of all products in the B\_PRICES table that have an end date. Round to two decimal places.

AVERAGE_PRICE
371.36

2. Using the B\_ORDER\_LINES table, display the sum of all orders.

TOTAL_ORDERS
14480.91

3. From the B\_EMPLOYEES table, return the lowest, highest, and average salaries, the most recent hire date, the last name of the person who is at the top of an alphabetical list of employees, and the last name of the person who is at the bottom of an alphabetical list of employees.

LOW_SALARY	HIGH_SALARY	AVG_SALARY	LAST_HIRE_DATE	LOW_NAME	HIGH_NAME
3200.65	11000.00	6,497.83	04/12/2003	Black	White

4. Your new Internet business has had a good year financially. You have had 1,289 orders this year. Your customer order table has a column named total\_sales. If you submit the following query, how many rows will be returned?

SELECT sum(total_sales)
FROM orders;

5. Using the B\_PRODUCTS table, return the number of products and average price for products in category LA.

Number of Products	Average Price
17	1,729.29

6. Using the B\_ORDERS table, return the number of orders for the year 2020.

Number of Orders
10

7. Using the B\_CUSTOMERS table, return a count of customers, average credit limit, average balance, total of all available credit, and average of all available credit.

Count	Avg Crd Lmt	Avg Bal	Tot Crd Avail	Avg Crd Avail
21	49,300.00	29,235.71	421,350.13	20,064.29

8. Using the B\_CUSTOMERS table, return a count of the different cities where customers are located.

CITIES
-----+
18

9. How many customers in the C8\_CUSTOMERS table have not been assigned a discount?

Customers with no Discount
-----+
5

10. Using the B\_CUSTOMERS table, return customer name and discount. If discount is NULL, substitute .005. Sort by discount.

CUSTOMER_NAME	Discount	
-----+	-----+	
Big Box Digital	0.005	
billy's toys	0.005	
Star-Mart Store #2177	0.005	
Technology R Us	0.005	
Big Box Digital	0.005	
Worldwide Digital Inc	0.010	
Everything Electronics	0.020	
Best Digital Products	0.020	
Best Bargain	0.020	
Best Digital Products	0.020	
Best Digital Products	0.020	
Armstrong Digital	0.040	
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11. Using the B\_CUSTOMERS table, return customer name and discount. If discount is NULL, substitute "Not Assigned". Sort discount descending. Left justify discount as shown. Hint: Use TO\_CHAR, COALESCE, and RPAD functions.

CUSTOMER_NAME	Discount	
-----+	-----+	
Big Box Digital	Not assigned	
billy's toys	Not assigned	
Star-Mart Store #2177	Not assigned	
Technology R Us	Not assigned	
Big Box Digital	Not assigned	
Big Box Digital	0.125	
Worldwide Digital Inc	0.105	
Digital Junkies	0.105	
Worldwide Digital Inc	0.105	
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12. Using the B\_ORDERS table, return order date, order id, customer id, and ship date. If ship date is NULL, substitute "Not Shipped". Sort order id within order date. Format output as shown. Hint: Use TO\_CHAR, COALESCE, and LPAD functions.

Order date	Order ID	Customer	Ship date
-----+	-----+	-----+	-----+
September, 13, 2020	1000	100	September, 22, 2020
September, 14, 2020	1001	120	September, 24, 2020
September, 15, 2020	1002	110	September, 30, 2020
October, 17, 2020	1003	130	October, 20, 2020
October, 18, 2020	1004	100	October, 24, 2020
October, 20, 2020	1005	120	October, 28, 2020
November, 14, 2020	1006	130	Not shipped
November, 15, 2020	1007	100	November, 20, 2020
November, 16, 2020	1008	110	November, 19, 2020
November, 16, 2020	1009	120	Not shipped