

1. Write a SQL query to show average number of orders shipped in a day (use Orders table).

Ans. `SELECT AVG(quantityOrdered) FROM classicmodels.orderdetails WHERE orderNumber IN (SELECT orderNumber FROM classicmodels.orders WHERE status = "Shipped");`

2. Write a SQL query to show average number of orders placed in a day.

Ans.

3. Write a SQL query to show the product name with minimum MSRP (use Products table).

Ans. `SELECT productName, MIN(MSRP) FROM classicmodels.products group by productName;`

#### ASSIGNMENT

4. Write a SQL query to show the product name with maximum value of stockQuantity.

Ans. `SELECT productName, MAX(quantityInStock) FROM classicmodels.products group by productName;`

5. Write a query to show the most ordered product Name (the product with maximum number of orders).

Ans. `SELECT productName FROM classicmodels.products WHERE EXISTS (SELECT MAX(quantityOrdered) FROM classicmodels.orderdetails);`

6. Write a SQL query to show the highest paying customer Name.

Ans. `SELECT customerName FROM classicmodels.customers WHERE EXISTS (SELECT MAX(priceEach * quantityOrdered) FROM classicmodels.orderdetails);`

7. Write a SQL query to show customerNumber, customerName of all the customers who are from Melbourne city.

Ans. `SELECT customerName, customerNumber FROM classicmodels.customers WHERE city = "Melbourne";`

8. Write a SQL query to show name of all the customers whose name start with "N".

Ans. `SELECT customerName FROM classicmodels.customers WHERE customerName LIKE 'N%';`

9. Write a SQL query to show name of all the customers whose phone start with '7' and are from city 'Las Vegas'.

Ans. `SELECT customerName FROM classicmodels.customers WHERE phone LIKE '7%' and city = "Las Vegas";`

10. Write a SQL query to show name of all the customers whose creditLimit < 1000 and city is either "Las Vegas" or "Nantes" or "Stavern".

Ans. `SELECT customerName FROM classicmodels.customers WHERE creditlimit<1000 and city = "Las Vegas" or "Nantes" or "Stavern";`

11. Write a SQL query to show all the orderNumber in which quantity ordered <10.

Ans. `SELECT orderNumber FROM classicmodels.orderdetails WHERE quantityOrdered<10;`

12. Write a SQL query to show all the orderNumber whose customer Name start with letter 'N'.

Ans. select orderNumber from classicmodels.orders where customerNumber IN (SELECT customerNumber FROM classicmodels.customers WHERE customerName LIKE 'N%');

13. Write a SQL query to show all the customerName whose orders are “Disputed” in status.

Ans. select customerName from classicmodels.customers where customerNumber IN (SELECT customerNumber FROM classicmodels.orders WHERE status="Disputed");

14. Write a SQL query to show the customerName who made payment through cheque with checkNumber starting with H and made payment on “2004-10-19”.

Ans. SELECT customerName FROM classicmodels.customers WHERE customerNumber IN (SELECT customerNumber FROM classicmodels.payments WHERE checkNumber LIKE 'H%' AND paymentDate = '2004-10-19');

15. Write a SQL query to show all the checkNumber whose amount > 1000.

Ans. select checkNumber from classicmodels.payments where amount>1000;