

sollution-sql-workset-4

January 7, 2023

[]: Q-1. Write a SQL query to show average number of orders shipped **in** a day (use **Orders** table).

Ans :-

```
SELECT AVG (orderNumber)
FROM orders;
```

[]: Q-2. Write a SQL query to show average number of orders placed **in** a day.

Ans :-

```
SELECT DAYNAME(orderDate), AVG(orderNumber) FROM orders GROUP BY
DAYNAME(orderDate);
```

[]: Q-3. Write a SQL query to show the product name **with** minimum MSRP (use **Products** table).

Ans :-

```
SELECT productName, MSRP FROM products WHERE MSRP = (SELECT MIN(MSRP) FROM
products);
```

[]: Q-4. Write a SQL query to show the product name **with** maximum value of **stockQuantity**.

Ans :-

```
SELECT productName, (quantityinStock) as stockQuantity FROM products
WHERE quantityinStock = (SELECT MAX(quantityinStock) FROM products);
```

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[]: Q-6. Write a SQL query to show the highest paying customer Name.

Ans :-

```
SELECT c.customerName FROM payments
INNER JOIN customers as c
USING (customerNumber)
WHERE amount = (select max(amount) from payments);
```

[]: Q-7. Write a SQL query to show cutomerNumber, customerName of all the customers who are from Melbourne city.

Ans :-

```
SELECT customerNumber,customerName FROM customers
WHERE city = 'Melbourne';
```

[]: Q-8. Write a SQL query to show name of all the customers whose name start with "N".

Ans :-

```
SELECT o.orderNumber FROM orders o LEFT JOIN customers c ON c.
customerNumber = o.customerNumber WHERE c.customerName LIKE 'N%'
```

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[]: Q-11. Write a SQL query to show all the orderNumber in which quantity ordered <10.

Ans :-

```
select orderNumber from orderdetails where quantityOrdered <10;
```

[]: Q-12. Write a SQL query to show all the orderNumber whose customer Name start with letter "N".

Ans :-

```
SELECT orderNumber FROM orders
INNER JOIN customers
USING (customerNumber)
WHERE customerName LIKE 'N%';
```

[]: Q-13. Write a SQL query to show all the customerName whose orders are "Disputed" in status.

Ans:-

```
SELECT customerName ,status FROM orders INNER JOIN customers USING  
↪(customerNumber) where status ='Disputed';
```

[]: Q-15. Write a SQL query to show all the checkNumber whose amount > 1000.

Ans :-

```
select checkNumber from payments where amount > 1000;
```

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