

1. Write SQL query to create table Customers.

Ans : Create table Customers(
 customerNumber int primary key,
 customerName text,
 contactLastName varchar(255),
 contactFirstName varchar(255),
 phone int,
 addressLine1 varchar(255),
 addressLine2 varchar(255),
 city text,
 state text,
 postalCode varchar(10),
 country text,
 salesRepEmployeeNumber varchar(30),
 creditLimit varchar(15)
);

2. Write SQL query to create table Orders.

Ans: Create table Orders(
 orderNumber varchar(50) primary key,
 orderDate varchar(50),
 requiredDate varchar(50),
 shippedDate varchar(50),
 status varchar(50),
 comments varchar(255),
 Foreign key(customerNumber) references Customers(customerNumber)
);

3. Write SQL query to show all the column data from the Orders Table.

Ans: Select *
 from Orders;

4. Write SQL query to show all the comments from the OrdersTable.

Ans : Select comments
 from Order;

5. Write a SQL query to show orderDate and Total number of orders placed on that date from Orders Table.

Ans: Select orderDate ,count(orderDate)
 from orders;

6. Write a SQL query to show employeeNumber, lastName, firstName of all the employees from the employees table.

Ans: Select employeeNumber,lastName,firstName
 from employees;

7. Write a SQL query to show all orderNumber, customerName of the person who placed the respective order.

Ans:

```
Select orderNumber
From orders
Where customerName IN (Select customerName from customers where
customerNumber=95862);
```

8. Write a SQL query to show the name of all the customers in one column and sales rep employee name in another column.

Ans :

```
Select customerName , salesRepEmployeeNumber
From customers;
```

9. Write a SQL query to show Date in one column and total payment amount of the payments made on that date from the payments table.

Ans :

```
Select paymentDate , amount
From payments
Where paymentDate = '26-01-2009';
```

10. Write a SQL query to show all the products productName, MSRP, productDescription from the products table.

Ans:

```
Select productName , MSRP , productDescription
From payments;
```

11. Write a SQL query to print the productName, productDescription of the most ordered product.

Ans :

```
Select productName , productDescription
From products
Where productScale = 'High';
```

12. Write a SQL query to print the city name where the maximum number of orders were placed.

Ans :

Select city

From customers

Where quantityOrdered IN (Select max(quantityOrdered) from orderdetails);

13. Write a SQL query to get the name of the state having the maximum number of customers.

Ans:

Select state

From customers

Where quantityOrdered IN (Select max(quantityOrdered) from orderdetails);

14. Write a SQL query to print the employee number in one column and Full name of the employee in the second column for all the employees.

Ans:

Select employeeNumber , firstName , lastName

From employees ;

15. Write a SQL query to print the orderNumber, customer Name and total amount paid by the customer for that order (quantityOrdered × priceEach).

Ans :

SELECT c.CustomerID,o.OrderID,(ord.Quantity*p.Price) as Total_Amount

from Customers c inner join Orders o inner join Products p inner join OrderDetails ord on

c.CustomerID = o.CustomerID and o.OrderID = ord.OrderID and ord.ProductID =

p.ProductID;