

SQL WORK_SHEET_3

1. Write SQL query to create table **Customers**.

Ans-CREATE TABLE Customers (
 CustomerNumber int,
 CustomerName varchar (255) ,
 ContactLastName varchar (255) ,
 ContactFirstName varchar (255) ,
 Phone int,
 AddressLine1 varchar (255) ,
 AddressLine2 varchar (255) ,
 City varchar (255) ,
 State varchar (255) ,
 PostalCode int,
 Country varchar (255) ,
 RepEmployeeNumber int
 Credit Limit int,
);

2. Write SQL query to create table **Orders**.

Ans- CREATE TABLE Orders (
 OrderNumber int,
 OrderDate date,
 RequiredDate date
 ShippedDate date
 Status varchar (255) ,
 Comments varchar (255) ,
 CustomerNumber int,
);

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

Ans- SELECT OrderNumber, OrderDate, requiredDate, shippedDate,
 status, comments, customerNumber FROM Orders;
 SELECT * FROM Orders;

4. Write SQL query to show all the comments from the **Orders** Table.

Ans- SELECT comments from Orders

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

Ans- SELECT orderDate,sum(orders) from Orders

6. Write a SQL query to show employeeNumber, lastName, firstName of all the employees from **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 orders.orderNumber, customers.customerName
FROM customers
INNER JOIN Orders
ON customers.CustomerName=orders.customerName

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

Ans- SELECT customers.customerName, employee.employeeName
FROM customers
INNER JOIN employee
ON customers.CustomerName=employee.employeeName

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,sum(amount) from payments

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

Ans- SELECT productName,MSRP,productDescription from products

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

Ans-SELECT productName,productDescription ,COUNT(DISTINCT quantityordered),
MAX(quantityordered)
FROM orderdetails
GROUP BY productName,productDescription

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

Ans- SELECT city,COUNT(DISTINCT quantityordered),
MAX(quantityordered)
FROM orderdetails
GROUP BY city

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

Ans- SELECT state, COUNT(customerNumber),
MAX(customerNumber)
FROM customers
GROUP BY state

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 firstname+''+lastname as Name from employees
SELECT employee number,Name from employees

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

Ans- SELECT a.orderNumber
b.customerName
c.total amount
FROM orders a,customers b,payments c
FROM a.customerNumber=b.customerNumber=c.customerNumber
AND c.amount(quantityOrdered x priceEach)