

SQL WORKSHEET 3 ASSIGNMENT

QUES 1: Write SQL query to create table Customers.

Answer. CREATE TABLE Customers;

QUES 2. Write SQL query to create table Orders.

Answer. CREATE TABLE Orders;

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

Answer. SELECT orderNumber, orderDate, requiredDate, shippedDate, status, comments, customerNumber FROM Orders;

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

Answer. SELECT * comments from Orders;

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

Answer. SELECT orderDate, COUNT(orderNumber) FROM Orders;

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

Answer. SELECT employeeNumber, lastName, firstName FROM employees;

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

Answer. SELECT orderNumber, customerName FROM Orders;

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

Answer. SELECT customerName, salerepemployeenname FROM customers;

QUES 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.

Answer. `SELECT paymentDate, SUM(amount) FROM payments;`

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

Answer. `SELECT productName, MSRP, productDescription FROM products;`

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

Answer. `SELECT productName, productDescription FROM Products
INNER JOIN Orderdetails
ON Products.productCode = Orderdetails.productCode
GROUP BY Products.productCode
ORDER BY SUM(quantityOrdered) DESC
LIMIT 1;`

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

Answer. `SELECT city FROM customers
INNER JOIN Orders
ON customers.customerNumber = Orders.customerNumber
GROUP BY city.customers
ORDER BY COUNT(orderNumber) DESC
LIMIT 1;`

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

Answer. `SELECT COUNT(customerNumber), state FROM customer

GROUP BY state

ORDER BY COUNT(customerNumber) Desc;`

QUES 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.

Answer. `SELECT employeeNumber, CONCAT(firstName, ' ', lastName) FROM employees;`

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

Answer. `SELECT `orderNumber`, `customerName`, `quantityOrdered` * `priceEach` as `total amount paid` FROM OrderDetails as a INNER JOIN Orders as b
ON a.`orderNumber` = b.`orderNumber`
INNER JOIN Customers as c
ON b.`customerNumber` = c.`customerNumber``