SQL Worksheet-3

1) CREATE TABLE customers

(

customerNumber int primary key,

customerName varchar(30),

contactLastName varchar(30),

contactFirstName varchar(30),

phone int(10),

addressLine1 varchar(40),

addressLine2 varchar(40),

city varchar(20),

state varchar(20),

postalcode int(10),

country varchar(10),

salesRepEmployeeNumber int(),

creditLimit int

);

2) CREATE TABLE Orders

(orderNumber int primary key,

orderDate date,

requriedDate datetime,

shippedDate datetime,

status varchar(20),

comments varchar(20),

customerNumber int

);

3) SELECT * FROM Orders;

4) SELECT comments FROM Orders;

5) SELECT orderDate, COUNT(*)

   FROM Orders
   GROUP BY orderDate;

6) SELECT employeeNumber, lastName, firstName
   FROM employees;

7) SELECT Orders.orderNumber , Customers.customerName
   FROM Orders
   INNER JOIN Customers
   ON Orders.orderNumber=Customers.customerNumber;

8) SELECT customerName, salesRepEmployeeNumber
   FROM customers;

9) SELECT paymentDate, amount FROM payments;

10)   SELECT productName, MSRP, productDescription FROM products;

11)   SELECT products.productName , product.productDescription,
   orderdetails.quantityOrdered
   FROM products
   INNER JOIN orderdetails
   ON product.productCode=orderdetails.productCode
   ORDER BY COUNT(*) DESC;

12)   SELECT customers.city, MAX(orderdetails.quantityOrdered) AS
   MaxQuantity
   FROM customers
   INNER JOIN orderdetails
   ON
   customers.customerNumbers=orders.orderNumber=orderdetails.orderNumb
   er;

13)   SELECT state, COUNT(*)
   FROM customers
   GROUP BY state;

14)   SELECT employeeNumber, CONCAT(firstName, lastName) AS
   FullName FROM employees;

15)   SELECT customerName FROM customers
   SELECT orderNumber FROM orderdetails
   WHERE TotalAmount=(SELECT quantityOrdered*priceEach FROM
   orderdetails);