SQL\_WORKSHEET\_3

1. CREATE TABLE customers(  
   customerNumber int NOT NULL,

customerName varchar(255),  
contactLastName varchar(255),  
contactFirstName varchar(255),

phone varchar(255),

addressLine1 varchar(255),

addressLine2 varchar(255),

city varchar(255),

state varchar(255),

postalCode int,   
country varchar(255),  
salesRepEmployeeNumber int,

creditLimit int,

PRIMARY KEY(customerNumber)  
);

1. CREATE TABLE orders(  
   orderNumber int NOT NULL,

orderDate DATE,  
requiredDate DATE,  
shippedDate DATE,

status varchar(255),

comments varchar(255),

customerNumber int,

PRIMARY KEY(orderNumber)  
);

1. SELECT \* FROM orders;
2. SELECT comments FROM orders;
3. SELECT orderDate, COUNT (\*) FROM orders

GROUP BY orderDate;

1. SELECT employeNumber, lastName, firstName FROM employees;
2. SELECT orderNumber, customerName FROM orders INNER JOIN customers

ON orders.customerNumber=customers.customerNumber;

1. SELECT customerName, firstName, lastName FROM customers INNER JOIN employees

ON employees.employeeNumber=customers.salesRepEmployeeNumber;

1. SELECT paymentDate, SUM(amount) FROM payments

GROUP BY paymentDate;

1. SELECT productName, MSRP, productDescription FROM products;
2. SELECT productName, productDescription FROM products INNER JOIN orderdetails

ON orderdetails.productCode=products.productCode ORDER BY quantityordered DESC LIMIT 1;

1. SELECT city, COUNT(\*) AS ordersConut FROM customers INNER JOIN orders

ON orders.customerNumber=customers.customerNumber

GROUP BY city ORDER BY ordersCount DESC LIMIT 1;

1. SELECT state, COUNT(\*) AS customerCount FROM customers GROUP BY state ORDER BY customerCount DESC LIMIT 1;
2. SELECT employeeNumber, CONCAT(firstName, ' ',lastName) FROM employees;
3. SELECT orderNumber, customerName, (quantityOrdered\*priceEach) AS totalAmount FROM orderdetails od INNER JOIN orders o ON od.orderNumber=o.orderNumber INNER JOIN customers c ON o.customerNumber=c.customerNumber;