

SQL Worksheet-3

Ques1:

```
CREATE TABLE Customers ( customerNumber INT NOT NULL, customerName  
CHAR(100) NOT NULL, contactLastName CHAR(100), contactFirstName CHAR(100),  
phone INT, addressLine1 CHAR(80), addressLine2 CHAR(80), city CHAR(50), state  
CHAR(50), postalCode INT, country CHAR(60), salesRepEmployeeNumber INT,  
creditLimit FLOT, CONSTRAINT Customers_pk PRIMARY KEY (customerNumber));
```

Ques2:

```
CREATE TABLE Orders ( orderNumber INT, orderDate CHAR(70), requiredDate  
CHAR(70), shippedDate CHAR(70), status CHAR(80), comments CHAR(100),  
customerNumber INT);
```

Ques3:

```
SELECT * from Orders;
```

Ques4:

```
SELECT comments from Orders;
```

Ques5:

```
SELECT orderDate, SUM(orderDate) AS 'TotalOrder' from Orders GROUP BY orderDate;
```

Ques6:

```
SELECT employeeNumber, firstName, lastName from employees
```

Ques7:

```
SELECT o.orderNumber, c.customerNumber from Customers c join Orders o on  
c.customerNumber = o.customerNumber;
```

Ques9:

```
SELECT paymentDate, Sum(amount) from payments GROUP BY paymentDate;
```

Ques10:

SELECT productName, MSRP, productDescription from products;

Ques11:

SELECT MAX(productName), productDescription from products GROUP BY
productName;

Ques13:

SELECT state, MAX(customerNumber) AS from Customers GROUP BY state ORDERED
BY MAX(state);

Ques14:

SELECT employeeNumber, firstName || lastName AS "Full Name" from employees;

Ques15:

SELECT orderNumber, quantityOrdered*priceEach AS 'TotalAmount' from orderdetails
WHERE orderNumber=(SELECT orderNumber from orders WHERE
coustomerNumber=(SELECT coustomeNumber, coustomerName from customers))