

SQL WORKSHEET-3

1

```
Create table Customers123(  
customerNumber int NOT NULL,  
customerName varchar (50),  
contactLastName varchar (50),  
contactFirstName varchar (50),  
phone int,  
addressLine1 varchar (50),  
addressLine2 varchar (50),  
city varchar (50),  
state varchar (50),  
postalCode varchar (50),  
country varchar (50),  
salesRepEmployeeNumber  
varchar (50),  
creditLimit int);
```

2

```
Create table orders(  
orderNumber int NOT NULL,  
orderDate DATE,  
requiredDate DATE,  
shippedDate DATE,  
status varchar (100),  
comments varchar (100),  
customerNumber int);
```

3

```
DESC orders;  
SELECT *  
FROM orders;
```

4

```
SELECT comments FROM orders;
```

5

```
SELECT*  
FROM orders where orderDate like 'YYYY-MM-DD';
```

6

```
SELECT employeeNumber,lastName,firstName  
FROM orders;
```

7

```
SELECT orders.orderNumber,  
Customers.customerName  
FROM orders  
INNER JOIN Customers ON  
orders.customerNumber=Customers.customerNumber;
```

8

```
SELECT employees.employeeNumber,  
Customers.customerName FROM employees  
  
INNER JOIN Customers ON  
employees.customerName=Customers.customerName;
```

9

```
SELECT*  
FROM payments  
WHERE paymentDate like 'YYYY-MM-DD';
```

10

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

11

```
SELECT TOP(1) productCode, SUM(quantityOrdered)
AS TotalQuantity
FROM orderdetails GROUP BY productCode ORDER
BY SUM(quantityOrdered) DESC
SELECT orderDetails.TotalQuantity,
products.productName
FROM orderDetails

INNER JOIN orderDetails ON
orderDetails.TotalQuantity=products.productName;
```

12

```
SELECT city
FROM customers
GROUP BY city
ORDER BY COUNT(*) DESC;
```

13

```
SELECT state
FROM customers
GROUP BY state
ORDER BY COUNT(*) DESC;
```

14

```
SELECT employeeNumber,
CONCAT(firstName,',lastName)
as name

FROM employees
```

15

```
SELECT orderNumber,
customerName, amount

FROM orders, payments

WHERE orders.orderNumber =
payments.orderNumber

order by amount,
customerName
```

