SQL Worksheet 3

1. Write SQL query to create table Customers.

```
CREATE TABLE customers (
   CustomerNumber int,
   CustomerName varchar(255),
   ContactLastName varchar(255),
   ContactFirstName varchar(255),
   Phone int,
   AddressLine1 varchar(255),
   AddressLine2 varchar(255),
   City varchar(255),
   State varchar(255),
   PostalCode int,
   Country varchar(255),
   SalesRepEmployeeNumber int,
   CreditLimit int
);
```

2. Write SQL query to create table Orders.

```
CREATE TABLE customers (
   OrderNumber int,
   OrderDate date,
   requiredDate date,
   shippedDate date,
   status text,
   comments text,
   customerNumber int
);
```

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

```
results = cur.execute("select * from Orders Table")
For i in results
Print(i)
```

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

   ```
   results = cur.execute("select comments from Orders Table")
   for i in results
   Print(i)
   ```

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

   ```
   SELECT orderDate, SUM(customerNumber)
   FROM orders
   GROUP BY orderDate
   ```

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

   ```
   results = cur.execute("select employeeNumber, lastName, firtName from
   employees")
   for I in results
   print(i)
   ```

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

   ```
   results = cur.execute("select orderNumber, customerNumber from orders")
   for i in results
   print(i)
   ```

8. Write a SQL query to show name of all the customers in one column and sale rep employee name in another column.

   ```
   results = cur.execute("select customerName, SalesRepEmployeeNumber from
   orders")
   for i in results
   print(i)
   ```

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.

   ```
   results = cur.execute("select paymentDate, amount from payments")
   for i in results
   print(i)
   ```

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

    results = cur.execute("select productName, MSRP, productDescription from products")
    for i in results
    print(i)

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

    Select productName, productDescription from product
    Group by productCode

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

    select city from customers, count(distinct city),
    result = fetchone()

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

    SELECT state, COUNT(DISTINCT state),
    ORDER BY 1 DESC

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.

    results = cur.execute("select employeeNumber, CONCAT(first_name, " ", last_name) AS full_name from employees")
    for i in results
    print(i)