**use** **data\_base\_sql**;

**1.Write a SQL query to retrieve the first 5 rows from the "customers" table.**

**Query** = **Select** \* **From** customers **Order by** customerId limit 5;

**Query** = **Select** \* **From** customers **Where** CustomerID < 6;

**2. Write a SQL query to retrieve the unique city names from "customers" table sorted in**

**descending order.**

**Query**  = **Select** distinct(city) **From** customers **Order by** city **desc**;

**3. Write a SQL query to get the number of unique city names "offices" table.**

**Query** = **Select** Count(distinct city) **as** total\_number\_of\_citys **From** office ;

**4. Write a SQL query to get the maximum, minimum and average value from the**

**"CreditLimit" column in the "customers" table.**

**Query** = **Select** **max**(creditLimit) **as** max\_limit,**min**(creditLimit) **as** min\_limit,**avg**(creditLimit)

**From** customers\_2;

**5. Write a SQL query to get the city names which are present in “offices” table but not in**

**“customer” table.**

**Query** = **Select** city **From** office **Where** city **not in**(select city from customers\_2);

**6. Write a SQL query to get the city names which are present in “offices” table as well as in**

**“customer” table.**

**Query**  = **Select** city **From** office **Where** city **in**(select city from customers\_2);

**7. Write a SQL query to get records where city or state is not given in “customer” table and**

**creditlimit is in the range – 80000 to 130000.**

**Query**  =  **Select** \* **From** customers\_2

**Where** city or state **is** null **and** creditLimit **between** 80000 **and** 130000;

**8. Write a SQL query to get the maximum number of orders placed on a particular date and**

**what is that date in orders table.**

**Query** = **Select** count(orderNumber) **as** order\_count, orderDate **From** orders

**Group by** orderDate

**Order by** order\_count **desc** **limit** 1;

**9. For the records which we get in previous question(Q8), write a SQL query to get the**

**customer names and their phone numbers.**

**Query** = **Select** customers\_2.customerName,count(orders.orderNumber),customers\_2.phone

**From** customers\_2

**left Join** orders

**on** customers\_2.customerNumber=orders.customerNumber

**Group by** customers\_2.customerName

**Order by** count(orders.orderNumber);

**10. SQL query to get the customer phone number and customer name from customers table**

**where order is either cancelled or disputed in orders table.**

**Query**  =  **Select** customers\_2.customerName,customers\_2.phone,orders.status

**From** orders

**right join** customers\_2

**on** customers\_2.customerNumber=orders.customerNumber

**Where** orders.status **in**('Cancelled','Resolved');

**11. Write a SQL query to get the top 4 highest selling products from orderdetails table.**

**Query** = **Select** count(quantityOrdered) **as** total\_order,productCode

**From** orderdetails

**Group by** productCode

**Order by** total\_order **desc limit** 4;

**12. Write a SQL query to get the count of orders placed by each customer in 2003 and 2004.**

**Query** = **Select** count(orderNumber) **as** total\_order

**From** orders

**Where** shippedDate **between** 2003 **and** 2004 **and** status = 'Shipped';

**13. Write a SQL query to get the city names from customer table where more than 4**

**customers reside.**

**Query** = **Select** count(customerNumber) **as** total\_customers ,city

**From** customers\_2

**Group by** city

**Having** total\_customers > 4;