Final End Assignment

1. Open the MySQL work bench and create a database called Bank.

SQL>CREATE SCHEMA bank;

2. Create a table called Customer with the following fields:
      Customer_number varchar(6)
      Firstname varchar(15)
      Lastname varchar(15)
      Middlename varchar(15)
      Customer_city varchar(20)
      Customer_contact_no varchar(10)
      Occupation varchar(20)
      Customer_date_of_birth DATE

SQL>create table customer(
      Customer_number varchar(6) primary key,
      Firstname varchar(15),
      Lastname varchar(15),
      Middlename varchar(15),
      Customer_city varchar(20),
      Customer_contact_no varchar(10),
      Occupation varchar(20),
      Customer_date_of_birth DATE
      );

3. Insert 10 records into the above created table.

SQL>insert into
customer(Customer_number, Firstname, Lastname, Middlename, Customer_city, Customer_contact_no, Occupation, Customer_date_of_birth) values
('1', 'Aniket', 'Digge', 'Pandurang', 'Pune', '8390299822', 'Software Engineer', '2001-03-11'),
('2', 'Aatish', 'Ichale', 'Suresh', 'Chiplun', '8390299851', 'ID Designer', '2001-12-04'),
('3', 'Ronit', 'Kohinkar', 'Sanjay', 'Nagpur', '8390299845', 'Software Engineer', '2001-10-02'),
('4', 'Nikhil', 'Jambhale', 'Mohan', 'Latur', '8390299874', 'Market Exec', '2001-04-15'),
('5', 'Yash', 'Gosavi', 'Jayvant', 'Pune', '8390549874', 'Software Engineer', '2000-05-10'),
('6', 'Onkar', 'Aadhav', 'Vitthal', 'Bed', '8397549874', 'Bank Manager', '2001-11-16'),
('7', 'Surabh', 'Sonavne', 'Sanjay', 'Daund', '8397585874', 'Software Engineer', '2001-12-17'),
('8', 'Aabhishek', 'Digge', 'Pandurang', 'Pune', '8398585874', 'Solder', '2005-09-21'),

('9', 'Omkar', 'Digge', 'Eknath', 'Solapur', '8398575874', 'Police Officer', '2002-08-09'),
('10', 'Pratik', 'Digge', 'Eknath', 'Solapur', '8398855874', 'Operation Exec.', '2003-03-13');

Output   :-

4. Display all the records from the customer table.

SQL>select * from customer;

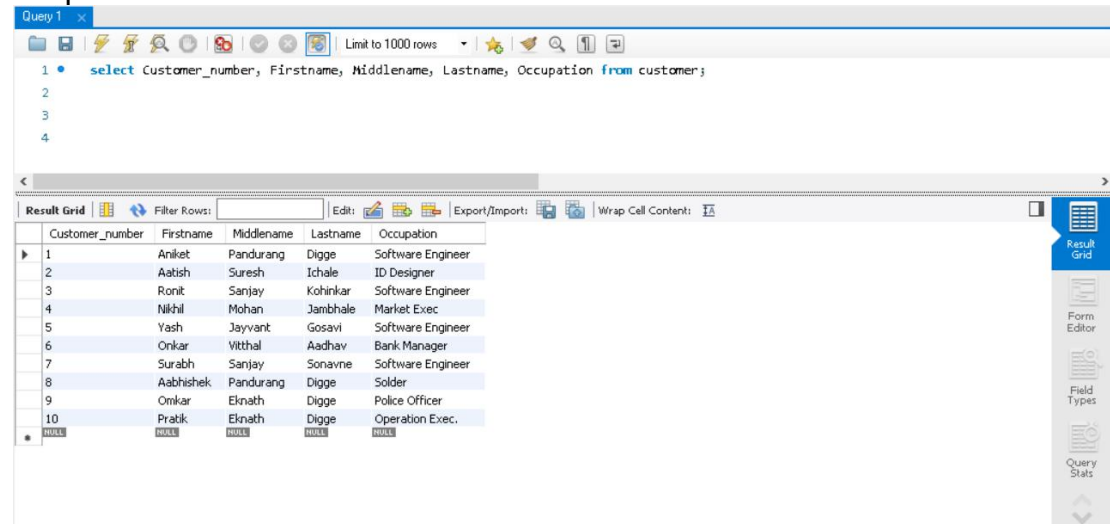Output

5. Display customer_number, firstname, middlename, lastname and occupation fields only

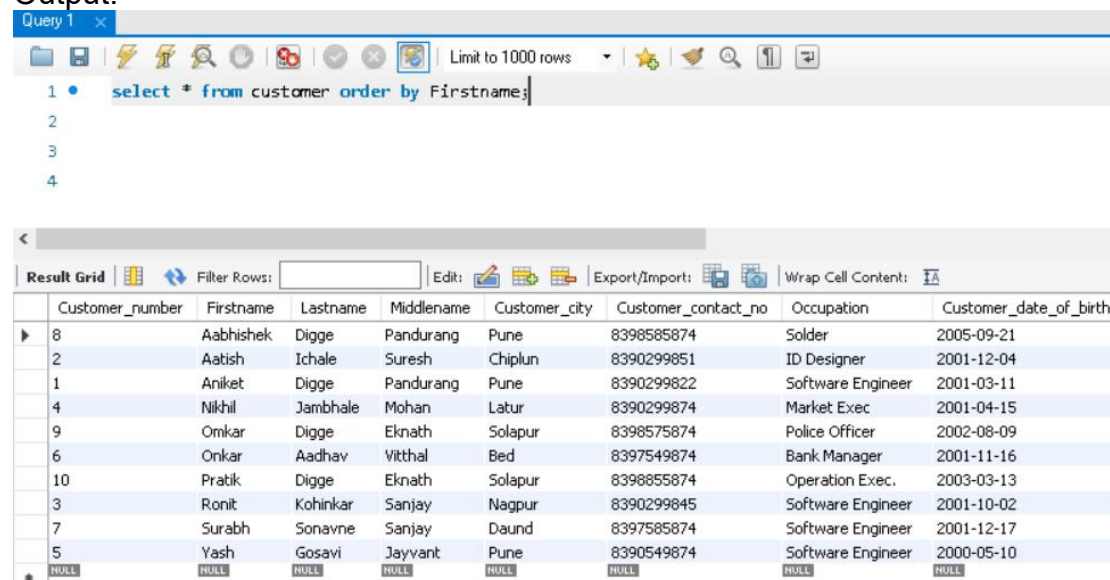**SQL>**select Customer_number, Firstname, Middlename, Lastname, Occupation from customer;

Output:

6. Display all the records in the ascending order of firstname.

SQL>select * from customer order by Firstname;

Output:

7. Display customers who are all belongs to a particular city.

SQL>select * from customer where Customer_city='Pune';

Output:

Customer_number	Firstname	Lastname	Middlename	Customer_city	Customer_contact_no	Occupation	Customer_date_of_birth
1	Aniket	Digge	Pandurang	Pune	8390299822	Software Engineer	2001-03-11
5	Yash	Gosavi	Jayvant	Pune	8390549874	Software Engineer	2000-05-10
8	Aabhishek	Digge	Pandurang	Pune	8398585874	Solder	2005-09-21
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

8. Display all customers whose occupation is Software Engineer

SQL>select * from customer where Occupation='Software Engineer';

Output:

Customer_number	Firstname	Lastname	Middlename	Customer_city	Customer_contact_no	Occupation	Customer_date_of_birth
1	Aniket	Digge	Pandurang	Pune	8390299822	Software Engineer	2001-03-11
3	Ronit	Kohinkar	Sanjay	Nagpur	8390299845	Software Engineer	2001-10-02
5	Yash	Gosavi	Jayvant	Pune	8390549874	Software Engineer	2000-05-10
7	Surabh	Sonavne	Sanjay	Daund	8397585874	Software Engineer	2001-12-17
NULL	NULL	NULL	NULL	NULL	NULL	NULL	NULL

9. Update all the records, who occupation is software engineer to Software Developer

SQL>update customer set Occupation='Software Developer'
where Occupation='Software Engineer';

Output:

10. Delete those records, where customers belongs to a particular city.

SQL>delete from customer where Customer_city='Solapur';

Output:

11. Display all the records as per the customer age wise sorted, younger first.

SQL>select * from customer order by Customer_date_of_birth desc;

Output: