#SYCOA302 Ritish Shelke

PS 1: Retrieve the address of customer Fname as 'xyz' and Lname as 'pqr'

select * from cust_mstr;

```
+---------+--------+--------+
| cust_no | fname  | lname  |
+---------+--------+--------+
|     101 | Ritish | Shelke |
|     102 | Nikhil | Nikam  |
|     103 | Nitin  | Tawar  |
|     104 | XYZ    | PQR    |
+---------+--------+--------+
4 rows in set (0.00 sec)
```

select * from add_dets;

```
+---------+-----------+--------------+-------+--------+---------+
| code_no | add1      | add2         | state | city   | pincode |
+---------+-----------+--------------+-------+--------+---------+
|     101 | Deccan    | Shivajinagar | MH    | PUNE   |  411004 |
|     102 | Malegav   | Nashik       | MH    | Nashik |  421014 |
|     104 | Sector 26 | Nigdi        | MH    | PUNE   |  415204 |
+---------+-----------+--------------+-------+--------+---------+
3 rows in set (0.00 sec)
```

select * from add_dets where code_no in (select cust_no from cust_mstr where fname="XYZ" AND lname="PQR");

```
+---------+-----------+-------+-------+------+---------+
| code_no | add1      | add2  | state | city | pincode |
+---------+-----------+-------+-------+------+---------+
|     104 | Sector 26 | Nigdi | MH    | PUNE |  415204 |
+---------+-----------+-------+-------+------+---------+
1 row in set (0.00 sec)
```
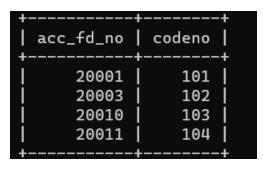
PS 2: List the customer holding fixed deposit of amount more than 5000

select * from cust_mstr;

```
+---------+--------+--------+
| cust_no | fname  | lname  |
+---------+--------+--------+
|     101 | Ritish | Shelke |
|     102 | Nikhil | Nikam  |
|     103 | Nitin  | Tawar  |
|     104 | XYZ    | PQR    |
+---------+--------+--------+
```

select * from acc_fd_cust_dets;

```
+----------+--------+
| acc_fd_no | codeno |
+----------+--------+
|    20001 |    101 |
|    20003 |    102 |
|    20010 |    103 |
|    20011 |    104 |
+----------+--------+
```

select * from fd_dets;

```
+----------+-------+
| fd_sr_no | amt   |
+----------+-------+
|    20001 | 10000 |
|    20003 |  1000 |
|    20010 |  6000 |
|    20011 |  4000 |
+----------+-------+
```

select * from cust_mstr where cust_no in (select codeno from acc_fd_cust_dets where acc_fd_no in (select fd_sr_no from fd_dets where amt>5000));

```
+---------+--------+--------+
| cust_no | fname  | lname  |
+---------+--------+--------+
|     101 | Ritish | Shelke |
|     103 | Nitin  | Tawar  |
+---------+--------+--------+
```
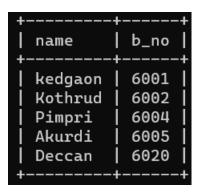
PS 3: List the employee details along with branch names to which they belong

select * from emp_mstr;

```
+--------+---------+----------+----------+------------+----------------+-----------+
| e_mpno | f_name  | l_name   | m_name   | dept       | desg           | branch_no |
+--------+---------+----------+----------+------------+----------------+-----------+
|    101 | Ritish  | Shelke   | Vijay    | Accounting | Manager        |      6001 |
|    102 | Pranav  | Kulkarni | Digambar | Credit     | Senior Manager |      6001 |
|    103 | Saurabh | Asnare   | Shashank | IT         | Manager        |      6002 |
|    104 | Rahul   | Kanot    | Vilas    | Loan       | Manager        |      6004 |
|    110 | Nikhil  | Nikam    | Jitendra | IT         | Chief Manager  |      6005 |
+--------+---------+----------+----------+------------+----------------+-----------+
```

select * from branch_mstr;

```
+---------+------+
| name    | b_no |
+---------+------+
| kedgaon | 6001 |
| Kothrud | 6002 |
| Pimpri  | 6004 |
| Akurdi  | 6005 |
| Deccan  | 6020 |
+---------+------+
```

select e.e_mpno, e.f_name, e.l_name, e.m_name, e.dept, e.desg, e.branch_no, b.name
from emp_mstr e inner join branch_mstr b on e.branch_no = b.b_no;

```
+--------+---------+----------+----------+------------+----------------+-----------+---------+
| e_mpno | f_name  | l_name   | m_name   | dept       | desg           | branch_no | name    |
+--------+---------+----------+----------+------------+----------------+-----------+---------+
|    101 | Ritish  | Shelke   | Vijay    | Accounting | Manager        |      6001 | kedgaon |
|    102 | Pranav  | Kulkarni | Digambar | Credit     | Senior Manager |      6001 | kedgaon |
|    103 | Saurabh | Asnare   | Shashank | IT         | Manager        |      6002 | Kothrud |
|    104 | Rahul   | Kanot    | Vilas    | Loan       | Manager        |      6004 | Pimpri  |
|    110 | Nikhil  | Nikam    | Jitendra | IT         | Chief Manager  |      6005 | Akurdi  |
+--------+---------+----------+----------+------------+----------------+-----------+---------+
```

PS 4: List the employee details along with contact details using left outer join & right join

select * from emp_mstr;

```
+--------+--------+---------+----------+------------+
| emp_no | f_name | l_name  | m_name   | dept       |
+--------+--------+---------+----------+------------+
|    101 | Ritish | Shelke  | Vijay    | Accounting |
|    102 | Pranav | Kulkarni| Digambar | Credit     |
|    103 | Saurabh| Asnare  | Shashank | IT         |
|    104 | Rahul  | Kanot   | Vilas    | Loan       |
|    110 | Nikhil | Nikam   | Jitendra | IT         |
+--------+--------+---------+----------+------------+
```

select * from cntc_dets;

```
+---------+-----------+-------------------+
| code_no | cntc_type | cntc_data         |
+---------+-----------+-------------------+
|     101 | Email     | ritish@gmail.com  |
|     103 | Email     | saurabh@gmail.com |
|     104 | Phone     | 12345678910       |
|     110 | Email     | nikhil@gmail.com  |
+---------+-----------+-------------------+
```

select e.emp_no, e.f_name,e.l_name, e.dept, c.cntc_type, c.cntc_data from emp_mstr e left join cntc_dets c on e.emp_no = c.code_no;

```
+--------+--------+---------+------------+-----------+-------------------+
| emp_no | f_name | l_name  | dept       | cntc_type | cntc_data         |
+--------+--------+---------+------------+-----------+-------------------+
|    101 | Ritish | Shelke  | Accounting | Email     | ritish@gmail.com  |
|    102 | Pranav | Kulkarni| Credit     | NULL      | NULL              |
|    103 | Saurabh| Asnare  | IT         | Email     | saurabh@gmail.com |
|    104 | Rahul  | Kanot   | Loan       | Phone     | 12345678910       |
|    110 | Nikhil | Nikam   | IT         | Email     | nikhil@gmail.com  |
+--------+--------+---------+------------+-----------+-------------------+
```

select e.emp_no, e.f_name,e.l_name, e.dept, c.cntc_type, c.cntc_data from emp_mstr e right join cntc_dets c on e.emp_no = c.code_no;

```
+--------+--------+---------+------------+-----------+-------------------+
| emp_no | f_name | l_name  | dept       | cntc_type | cntc_data         |
+--------+--------+---------+------------+-----------+-------------------+
|    101 | Ritish | Shelke  | Accounting | Email     | ritish@gmail.com  |
|    103 | Saurabh| Asnare  | IT         | Email     | saurabh@gmail.com |
|    104 | Rahul  | Kanot   | Loan       | Phone     | 12345678910       |
|    110 | Nikhil | Nikam   | IT         | Email     | nikhil@gmail.com  |
+--------+--------+---------+------------+-----------+-------------------+
```

PS 5: List the customer who do not have bank branches in their vicinity.

select * from cust_mstr;

```
+---------+--------+--------+
| cust_no | fname  | lname  |
+---------+--------+--------+
|     101 | Ritish | Shelke |
|     102 | Nikhil | Nikam  |
|     103 | Nitin  | Tawar  |
|     104 | XYZ    | PQR    |
+---------+--------+--------+
4 rows in set (0.02 sec)
```

select * from add_dets;

```
+---------+---------+
| code_no | pincode |
+---------+---------+
|     101 |  411004 |
|     102 |  421014 |
|     104 |  415204 |
+---------+---------+
3 rows in set (0.00 sec)
```

select cust_no, fname, lname from cust_mstr where cust_no not in(

select c.cust_no from cust_mstr c right join add_dets a on c.cust_no = a.code_no);

```
+---------+-------+-------+
| cust_no | fname | lname |
+---------+-------+-------+
|     103 | Nitin | Tawar |
+---------+-------+-------+
1 row in set (0.00 sec)
```

PS 6: a) Create View on borrower table by selecting any two columns and perform insert update delete operations

create view b_view as select cust_name, loan_no from borrower;

```
mysql> select * from b_view;
+-----------+---------+
| cust_name | loan_no |
+-----------+---------+
| Ritish    |     101 |
| Soham     |     102 |
| Aman      |     105 |
| Aryan     |     110 |
+-----------+---------+
```

update b_view set loan_no=201 where cust_name="Ritish";

```
mysql> select * from b_view;
+-----------+---------+
| cust_name | loan_no |
+-----------+---------+
| Ritish    |     201 |
| Soham     |     102 |
| Aman      |     105 |
| Aryan     |     110 |
+-----------+---------+
```

delete from b_view where loan_no=110;

```
mysql> select * from b_view;
+-----------+---------+
| cust_name | loan_no |
+-----------+---------+
| Ritish    |     201 |
| Soham     |     102 |
| Aman      |     105 |
+-----------+---------+
```

insert into b_view values("Nishant",199);

```
mysql> select * from b_view;
+-----------+---------+
| cust_name | loan_no |
+-----------+---------+
| Ritish    |     201 |
| Soham     |     102 |
| Aman      |     105 |
| Nishant   |     199 |
+-----------+---------+
```

b) Create view on borrower and depositor table by selecting any one column from each table perform insert update delete operations

create view d_view as select cust_name, acc_no from depositor;

insert into d_view values("Ritish",6005);

```
mysql> select * from d_view;
+-----------+--------+
| cust_name | acc_no |
+-----------+--------+
| Rahul     |   6001 |
| Vilas     |   6002 |
| Nitin     |   6003 |
| Abhi      |   6010 |
| Aniket    |   6009 |
| Ritish    |   6005 |
+-----------+--------+
```

delete from d_view where acc_no=6010;

```
mysql> select * from d_view;
+-----------+--------+
| cust_name | acc_no |
+-----------+--------+
| Rahul     |   6001 |
| Vilas     |   6002 |
| Nitin     |   6003 |
| Ritish    |   6005 |
| Aniket    |   6009 |
+-----------+--------+
```

update d_view set cust_name="Ronit" where acc_no=6003;

```
mysql> select * from d_view;
+-----------+--------+
| cust_name | acc_no |
+-----------+--------+
| Rahul     |   6001 |
| Vilas     |   6002 |
| Ronit     |   6003 |
| Ritish    |   6005 |
| Aniket    |   6009 |
+-----------+--------+
```