mysql> CREATE TABLE CUST\_MSTR(

    -> CUST\_NO INTEGER PRIMARY KEY,

    -> FNAME TEXT NOT NULL,

    -> LNAME TEXT NOT NULL);

Query OK, 0 rows affected (0.04 sec)

mysql> INSERT INTO CUST\_MSTR VALUES(1, 'RUTUJA', 'DESHMANE');

Query OK, 1 row affected (0.03 sec)

mysql> INSERT INTO CUST\_MSTR VALUES(2, 'TRUPTI', 'BARGAJE');

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO CUST\_MSTR VALUES(3, 'SAMIKSHA', 'DHARMADHIKARI');

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO CUST\_MSTR VALUES(4, 'MAHIMA', 'KHANDELWAL');

Query OK, 1 row affected (0.00 sec)

mysql> CREATE TABLE ADD\_DETS(

    -> CODE\_NO INTEGER PRIMARY KEY,

    -> ADD1 TEXT NOT NULL,

    -> ADD2 TEXT NOT NULL,

    -> STATE TEXT NOT NULL,

    -> CITY TEXT NOT NULL,

    -> PINCODE INTEGER NOT NULL);

mysql> INSERT INTO ADD\_DETS VALUES(1, 'AUNDH', 'PUNE','MH', 'PUNE',411056);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO ADD\_DETS VALUES(2, 'PASHAN', 'PUNE','MH', 'PUNE',411014);

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO ADD\_DETS VALUES(3, 'WAKAD', 'PUNE','MH', 'PUNE',411031);

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO ADD\_DETS VALUES(4, 'PIMPLE SAUDAGAR', 'PUNE','MH', 'PUNE',411023);

Query OK, 1 row affected (0.00 sec)

mysql> CREATE TABLE ACC\_FD\_CUST\_DETS(

    -> CODENO INTEGER PRIMARY KEY,

    -> ACC\_FD\_NO INTEGER NOT NULL);

mysql> INSERT INTO ACC\_FD\_CUST\_DETS VALUES(1,201);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO ACC\_FD\_CUST\_DETS VALUES(2,202);

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO ACC\_FD\_CUST\_DETS VALUES(3,203);

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO ACC\_FD\_CUST\_DETS VALUES(4,204);

Query OK, 1 row affected (0.00 sec)

mysql> CREATE TABLE FD\_DETS(

    -> FD\_SR\_NO INTEGER PRIMARY KEY,

    -> AMT INTEGER NOT NULL);

Query OK, 0 rows affected (0.02 sec)

mysql> INSERT INTO FD\_DETS VALUES (201,7800);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO FD\_DETS VALUES (202,1000);

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO FD\_DETS VALUES (203,7000);

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO FD\_DETS VALUES (204,2500);

Query OK, 1 row affected (0.00 sec)

mysql> CREATE TABLE EMP\_MSTR(

    -> E\_MPNO INTEGER PRIMARY KEY,

    -> F\_NAME TEXT NOT NULL,

    -> L\_NAME TEXT NOT NULL,

    -> M\_NAME TEXT NOT NULL,

    -> DEPT TEXT NOT NULL,

    -> DESG TEXT NOT NULL,

    -> BRANCH\_NO INTEGER NOT NULL);

Query OK, 0 rows affected (0.02 sec)

mysql> INSERT INTO EMP\_MSTR VALUES(1011, 'SAMARTH', 'DESHMANE', 'SURYAKANT', 'SPORTS', 'TRAINER', 2011);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO EMP\_MSTR VALUES(1012, 'ALKA', 'CHOUDHARI', 'ROHITASH', 'COMP', 'TESTER', 2012);

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO EMP\_MSTR VALUES(1013, 'SHRIYASH', 'SHINGARE', 'SANTOSH', 'COMP', 'CODER', 2013);

Query OK, 1 row affected (0.00 sec)

mysql> CREATE TABLE BRANCH\_MSTR(

    -> NAME TEXT NOT NULL,

    -> B\_NO INTEGER NOT NULL);

Query OK, 0 rows affected (0.03 sec)

mysql> INSERT INTO BRANCH\_MSTR VALUES('AKURDI', 2011);

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO BRANCH\_MSTR VALUES('NIGDI', 2012);

Query OK, 1 row affected (0.00 sec)

mysql> INSERT INTO BRANCH\_MSTR VALUES('CHINCHWAD', 2013);

Query OK, 1 row affected (0.00 sec)

mysql> CREATE TABLE CNTC\_DETS(

    -> CODE\_NO INTEGER PRIMARY KEY,

    -> CNTC\_TYPE TEXT,

    -> CNTC\_DATA TEXT);

Query OK, 0 rows affected (0.02 sec)

mysql> INSERT INTO CNTC\_DETS VALUES (1011, 'PHNO', '9876543210');

Query OK, 1 row affected (0.01 sec)

mysql> INSERT INTO CNTC\_DETS VALUES (1012, 'EMAIL', 'RUTU@GMAIL.COM');

Query OK, 1 row affected (0.00 sec)

1. Retrieve the address of customer Fname as 'Rutuja' and Lname as 'Deshmane'

mysql> SELECT ADD1, ADD2 FROM ADD\_DETS WHERE CODE\_NO IN (SELECT CUST\_NO FROM CUST\_MSTR WHERE FNAME = 'RUTUJA' AND LNAME = 'DESHMANE');

+*-------+------+*

| ADD1  | ADD2 |

+*-------+------+*

| AUNDH | PUNE |

+*-------+------+*

1 row in set (0.02 sec)

2. List the customer holding fixesd deposit of amount more than 5000

mysql> SELECT FNAME, LNAME 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));

+*----------+---------------+*

| FNAME    | LNAME         |

+*----------+---------------+*

| RUTUJA   | DESHMANE      |

| SAMIKSHA | DHARMADHIKARI |

+*----------+---------------+*

2 rows in set (0.02 sec)

3. List the employee details along with branch names to which they belong

mysql> SELECT EMP\_NO, F\_NAME, L\_NAME, M\_NAME, DEPT, DESG, BRANCH\_NO, B.NAME FROM EMP\_MSTR E

    -> INNER JOIN

    -> BRANCH\_MSTR B ON E.BRANCH\_NO = B.B\_NO;

ERROR 1054 (42S22): Unknown column 'EMP\_NO' in 'field list'

mysql> SELECT E\_MPNO, F\_NAME, L\_NAME, M\_NAME, DEPT, DESG, 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      |

+*--------+----------+-----------+-----------+--------+---------+-----------+-----------+*

|   1011 | SAMARTH  | DESHMANE  | SURYAKANT | SPORTS | TRAINER |      2011 | AKURDI    |

|   1012 | ALKA     | CHOUDHARI | ROHITASH  | COMP   | TESTER  |      2012 | NIGDI     |

|   1013 | SHRIYASH | SHINGARE  | SANTOSH   | COMP   | CODER   |      2013 | CHINCHWAD |

+*--------+----------+-----------+-----------+--------+---------+-----------+-----------+*

3 rows in set (0.04 sec)

4. List the employee details along with contact details using left outer join and right join

mysql> SELECT E\_MPNO, F\_NAME, L\_NAME, M\_NAME, DEPT, DESG, 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      |

+*--------+----------+-----------+-----------+--------+---------+-----------+-----------+*

|   1011 | SAMARTH  | DESHMANE  | SURYAKANT | SPORTS | TRAINER |      2011 | AKURDI    |

|   1012 | ALKA     | CHOUDHARI | ROHITASH  | COMP   | TESTER  |      2012 | NIGDI     |

|   1013 | SHRIYASH | SHINGARE  | SANTOSH   | COMP   | CODER   |      2013 | CHINCHWAD |

+*--------+----------+-----------+-----------+--------+---------+-----------+-----------+*

3 rows in set (0.03 sec)

mysql> SELECT E\_MPNO, F\_NAME, L\_NAME, M\_NAME, DEPT, C.CODE\_NO, C.CNTC\_TYPE,C.CNTC\_DATA FROM EMP\_MSTR E

    -> RIGHT OUTER JOIN

    -> CNTC\_DETS C ON E.E\_MPNO = C.CODE\_NO;

+*--------+---------+-----------+-----------+--------+---------+-----------+----------------+*

| E\_MPNO | F\_NAME  | L\_NAME    | M\_NAME    | DEPT   | CODE\_NO | CNTC\_TYPE | CNTC\_DATA      |

+*--------+---------+-----------+-----------+--------+---------+-----------+----------------+*

|   1011 | SAMARTH | DESHMANE  | SURYAKANT | SPORTS |    1011 | PHNO      | 9876543210     |

|   1012 | ALKA    | CHOUDHARI | ROHITASH  | COMP   |    1012 | EMAIL     | RUTU@GMAIL.COM |

+*--------+---------+-----------+-----------+--------+---------+-----------+----------------+*

2 rows in set (0.01 sec)

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

mysql> SELECT \* FROM CUST\_MSTR WHERE CUST\_NO IN(SELECT CODE\_NO FROM ADD\_DETS

    -> WHERE CODE\_NO LIKE 'C%' AND PINCODE NOT IN (SELECT PINCODE FROM ADD\_DETS

    -> WHERE CODE\_NO LIKE '%B'));

+*--------+---------+-----------+*

| CUST\_NO | F\_NAME  | L\_NAME   |

+*--------+---------+-----------+*

|   C102  | TRUPTI  | BARGAJE  |

+*--------+---------+-----------+*

1 row in set (0.02 sec)