1.Populate all the five tables with your own data.

mysql> use faculty;

Database changed

mysql> insert into faculty values(142, "Anu", "F",'2005-03-21','2020-10-25','123456789',"AI");

Query OK, 1 row affected (0.01 sec)

mysql> insert into faculty values(132, "ram", "M",'1970-04-14','1999-05-10','1234567890',"02");

Query OK, 1 row affected (0.00 sec)

mysql> insert into faculty values(143, "sunny", "F",'1995-02-02','1998-11-17','123456789',"03");

Query OK, 1 row affected (0.01 sec)

mysql> insert into faculty values(154, "mahe" ,"M",'1990-05-02','2016-11-17','123456789',"04");

Query OK, 1 row affected (0.01 sec)

msql> insert into faculty values(174, "divi", "F",'1990-01-01','2015-09-08','123456789',"05Query OK, 1 row affected (0.01 sec)

mysql> select\* from faculty;

+-------+---------+--------+------------+------------+------------+--------+

| facno | Facname | gender | dob | doj | mobileno | DeptNo |

+-------+---------+--------+------------+------------+------------+--------+

| 132 | ram | M | 1970-04-14 | 1999-05-10 | 1234567890 | 02 |

| 142 | Anu | F | 2005-03-21 | 2020-10-25 | 123456789 | AI |

| 143 | sunny | F | 1995-02-02 | 1998-11-17 | 123456789 | 03 |

| 154 | mahe | M | 1990-05-02 | 2016-11-17 | 123456789 | 04 |

| 174 | divi | F | 1990-01-01 | 2015-09-08 | 123456789 | 05 |

+-------+---------+--------+------------+------------+------------+--------+

5 rows in set (0.00 sec)

mysql> use department;

Database changed

mysql> insert into department values('01','cse','vs');

Query OK, 1 row affected (0.01 sec)

mysql> insert into department values('02','civil','ms');

Query OK, 1 row affected (0.01 sec)

mysql> insert into department values('03','mechanical','ga');

Query OK, 1 row affected (0.00 sec)

mysql> insert into department values('04','ece','hr');

Query OK, 1 row affected (0.00 sec)

mysql> insert into department values('05','medical','kv');

Query OK, 1 row affected (0.01 sec)

mysql> select\*from department;

+--------+------------+----------+

| deptno | deptname | depthead |

+--------+------------+----------+

| 01 | cse | vs |

| 02 | civil | ms |

| 03 | mechanical | ga |

| 04 | ece | hr |

| 05 | medical | kv |

+--------+------------+----------+

5 rows in set (0.00 sec)

mysql> use course;

Database changed

mysql> insert into course values('C01','dbms','M','1','502','3001');

Query OK, 1 row affected (0.07 sec)

mysql> insert into course values('C02','ethics','E','2','112','3002');

Query OK, 1 row affected (0.07 sec)

mysql> insert into course values('C03','mathematics','M','2','412','3003');

Query OK, 1 row affected (0.06 sec)

mysql> insert into course values('C04','english','S','3','321','3004');

Query OK, 1 row affected (0.07 sec)

mysql> insert into course values('C05','sql','D','4','112','3005');

Query OK, 1 row affected (0.07 sec)

mysql> select \* from course;

+----------+-------------+------------+-------+--------+-------+

| courseno | coursedesc | coursetype | semno | hallno | facno |

+----------+-------------+------------+-------+--------+-------+

| C01 | dbms | M | 1 | 502 | 3001 |

| C02 | ethics | E | 2 | 112 | 3002 |

| C03 | mathematics | M | 2 | 412 | 3003 |

| C04 | english | S | 3 | 321 | 3004 |

| C05 | sql | D | 4 | 112 | 3005 |

+----------+-------------+------------+-------+--------+-------+

5 rows in set (0.00 sec)

mysql> use student;

Database changed

mysql> insert into student values('192224110','sunny','f','2005-11-10','1234567890','kadapa');

Query OK, 1 row affected (0.07 sec)

mysql> insert into student values('192224103','ramya','f','2005-09-08','3456789012','piler');

Query OK, 1 row affected (0.07 sec)

mysql> insert into student values('192211755','siva','m','2005-12-10','4567890123','rajampeta');

Query OK, 1 row affected (0.07 sec)

mysql> insert into student values('192224102','koya','f','2005-12-01','5678901234','hyderabad');

Query OK, 1 row affected (0.07 sec)

mysql> insert into student values('192224104','sai','m','2004-03-02','6789012345','guntur');

Query OK, 1 row affected (0.07 sec)

mysql> select\*from student;

+-----------+----------+--------+------------+------------+-----------+

| regno | name | gender | dob | Mobileno | city |

+-----------+----------+--------+------------+------------+-----------+

| 191711342 | LASYA | F | 2005-11-15 | 1234567890 | KOVURU |

| 192211068 | JASWANTH | M | 2004-12-14 | 1234567980 | PUTTUR |

| 192211755 | siva | m | 2005-12-10 | 4567890123 | rajampeta |

| 192224102 | koya | f | 2005-12-01 | 5678901234 | hyderabad |

| 192224103 | ramya | f | 2005-09-08 | 3456789012 | piler |

| 192224104 | sai | m | 2004-03-02 | 6789012345 | guntur |

| 192224110 | sunny | f | 2005-11-10 | 1234567890 | kadapa |

| 192224113 | LASYA | F | 2005-11-15 | 1234567890 | KOVURU |

+-----------+----------+--------+------------+------------+-----------+

1. rows in set (0.00 sec)1

2.Update the value of student name whose register number is ‘191711342’

mysql> update student set name="LASYA" where regno="191711342";

Query OK, 0 rows affected (0.01 sec)

Rows matched: 1 Changed: 0 Warnings: 0

mysql> select\*from student;

+-----------+----------+--------+------------+------------+-----------+

| regno | name | gender | dob | Mobileno | city |

+-----------+----------+--------+------------+------------+-----------+

| 191711342 | LASYA | F | 2005-11-15 | 1234567890 | KOVURU |

| 192211068 | JASWANTH | M | 2004-12-14 | 1234567980 | PUTTUR |

| 192211755 | siva | m | 2005-12-10 | 4567890123 | rajampeta |

| 192224102 | koya | f | 2005-12-01 | 5678901234 | hyderabad |

| 192224103 | ramya | f | 2005-09-08 | 3456789012 | piler |

| 192224104 | sai | m | 2004-03-02 | 6789012345 | guntur |

| 192224110 | sunny | f | 2005-11-10 | 1234567890 | kadapa |

| 192224113 | LASYA | F | 2005-11-15 | 1234567890 | KOVURU |

+-----------+----------+--------+------------+------------+-----------+

8 rows in set (0.00 sec)

3.Delete the record in the table FACULTY, who resigned her job.

mysql> delete from student where regno="192224113";

Query OK, 1 row affected (0.01 sec)

mysql> select\*from student;

+-----------+----------+--------+------------+------------+-----------+

| regno | name | gender | dob | Mobileno | city |

+-----------+----------+--------+------------+------------+-----------+

| 191711342 | LASYA | F | 2005-11-15 | 1234567890 | KOVURU |

| 192211068 | JASWANTH | M | 2004-12-14 | 1234567980 | PUTTUR |

| 192211755 | siva | m | 2005-12-10 | 4567890123 | rajampeta |

| 192224102 | koya | f | 2005-12-01 | 5678901234 | hyderabad |

| 192224103 | ramya | f | 2005-09-08 | 3456789012 | piler |

| 192224104 | sai | m | 2004-03-02 | 6789012345 | guntur |

| 192224110 | sunny | f | 2005-11-10 | 1234567890 | kadapa |

+-----------+----------+--------+------------+------------+-----------+

7 rows in set (0.00 sec)

mysql> use faculty;

Database changed

mysql> delete from faculty where deptno="AI";

Query OK, 1 row affected (0.07 sec)

mysql> select\*from faculty;

+-------+---------+--------+------------+------------+------------+--------+

| facno | Facname | gender | dob | doj | mobileno | DeptNo |

+-------+---------+--------+------------+------------+------------+--------+

| 132 | ram | M | 1970-04-14 | 1999-05-10 | 1234567890 | 02 |

| 143 | sunny | F | 1995-02-02 | 1998-11-17 | 123456789 | 03 |

| 154 | mahe | M | 1990-05-02 | 2016-11-17 | 123456789 | 04 |

| 174 | divi | F | 1990-01-01 | 2015-09-08 | 123456789 | 05 |

+-------+---------+--------+------------+------------+------------+--------+

1. rows in set (0.00 sec)

4.Modify the date of birth for the faculty whose name is 'RAM' with a value ‘1983-05-01’.

mysql> update faculty set DOB="1983-05-01" where facname="ram";

Query OK, 1 row affected (0.02 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select\*from faculty;

+-------+---------+--------+------------+------------+------------+--------+

| facno | Facname | gender | dob | doj | mobileno | DeptNo |

+-------+---------+--------+------------+------------+------------+--------+

| 132 | ram | M | 1983-05-01 | 1999-05-10 | 1234567890 | 02 |

| 143 | sunny | F | 1995-02-02 | 1998-11-17 | 123456789 | 03 |

| 154 | mahe | M | 1990-05-02 | 2016-11-17 | 123456789 | 04 |

| 174 | divi | F | 1990-01-01 | 2015-09-08 | 123456789 | 05 |

+-------+---------+--------+------------+------------+------------+--------+

4 rows in set (0.00 sec)

mysql> alter table faculty

-> add age int(3);

Query OK, 0 rows affected, 1 warning (0.08 sec)

Records: 0 Duplicates: 0 Warnings: 1

mysql> select\*from faculty;

+-------+---------+--------+------------+------------+------------+--------+------+

| facno | Facname | gender | dob | doj | mobileno | DeptNo | age |

+-------+---------+--------+------------+------------+------------+--------+------+

| 132 | ram | M | 1983-05-01 | 1999-05-10 | 1234567890 | 02 | NULL |

| 143 | sunny | F | 1995-02-02 | 1998-11-17 | 123456789 | 03 | NULL |

| 154 | mahe | M | 1990-05-02 | 2016-11-17 | 123456789 | 04 | NULL |

| 174 | divi | F | 1990-01-01 | 2015-09-08 | 123456789 | 05 | NULL |

+-------+---------+--------+------------+------------+------------+--------+------+

4 rows in set (0.00 sec)

mysql> update faculty set age="39" where facname="mahe";

Query OK, 1 row affected (0.01 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update faculty set DOB="1955-02-03" where facname="sunny";

Query OK, 1 row affected (0.07 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update faculty set age="65" where facname="sunny";

Query OK, 1 row affected (0.00 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update faculty set age="65" where facname="ram";

Query OK, 1 row affected (0.07 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> update faculty set age="49" where facname="divi";

Query OK, 1 row affected (0.07 sec)

Rows matched: 1 Changed: 1 Warnings: 0

mysql> select\*from faculty;

+-------+---------+--------+------------+------------+------------+--------+------+

| facno | Facname | gender | dob | doj | mobileno | DeptNo | age |

+-------+---------+--------+------------+------------+------------+--------+------+

| 132 | ram | M | 1983-05-01 | 1999-05-10 | 1234567890 | 02 | 65 |

| 143 | sunny | F | 1955-02-03 | 1998-11-17 | 123456789 | 03 | 65 |

| 154 | mahe | M | 1990-05-02 | 2016-11-17 | 123456789 | 04 | 39 |

| 174 | divi | F | 1990-01-01 | 2015-09-08 | 123456789 | 05 | 49 |

+-------+---------+--------+------------+------------+------------+--------+------+

1. rows in set (0.00 sec)

5.Remove all faculty who are having over 65 years

mysql> delete from faculty where age>65;

Query OK, 0 rows affected (0.00 sec)

mysql> select\*from faculty;

+-------+---------+--------+------------+------------+------------+--------+------+

| facno | Facname | gender | dob | doj | mobileno | DeptNo | age |

+-------+---------+--------+------------+------------+------------+--------+------+

| 132 | ram | M | 1983-05-01 | 1999-05-10 | 1234567890 | 02 | 65 |

| 143 | sunny | F | 1955-02-03 | 1998-11-17 | 123456789 | 03 | 65 |

| 154 | mahe | M | 1990-05-02 | 2016-11-17 | 123456789 | 04 | 39 |

| 174 | divi | F | 1990-01-01 | 2015-09-08 | 123456789 | 05 | 49 |

+-------+---------+--------+------------+------------+------------+--------+------+

1. rows in set (0.00 sec)

6.View all the records from the five tables.

mysql> select\*from student;

ERROR 1146 (42S02): Table 'faculty.student' doesn't exist

mysql> use student;

Database changed

mysql> select\*from student;

+-----------+----------+--------+------------+------------+-----------+

| regno | name | gender | dob | Mobileno | city |

+-----------+----------+--------+------------+------------+-----------+

| 191711342 | LASYA | F | 2005-11-15 | 1234567890 | KOVURU |

| 192211068 | JASWANTH | M | 2004-12-14 | 1234567980 | PUTTUR |

| 192211755 | siva | m | 2005-12-10 | 4567890123 | rajampeta |

| 192224102 | koya | f | 2005-12-01 | 5678901234 | hyderabad |

| 192224103 | ramya | f | 2005-09-08 | 3456789012 | piler |

| 192224104 | sai | m | 2004-03-02 | 6789012345 | guntur |

| 192224110 | sunny | f | 2005-11-10 | 1234567890 | kadapa |

+-----------+----------+--------+------------+------------+-----------+

7 rows in set (0.00 sec)

mysql> use faculty;

Database changed

mysql> select \*from faculty;

+-------+---------+--------+------------+------------+------------+--------+------+

| facno | Facname | gender | dob | doj | mobileno | DeptNo | age |

+-------+---------+--------+------------+------------+------------+--------+------+

| 132 | ram | M | 1983-05-01 | 1999-05-10 | 1234567890 | 02 | 65 |

| 143 | sunny | F | 1955-02-03 | 1998-11-17 | 123456789 | 03 | 65 |

| 154 | mahe | M | 1990-05-02 | 2016-11-17 | 123456789 | 04 | 39 |

| 174 | divi | F | 1990-01-01 | 2015-09-08 | 123456789 | 05 | 49 |

+-------+---------+--------+------------+------------+------------+--------+------+

4 rows in set (0.00 sec)

mysql> use department;

Database changed

mysql> select \* from department;

+--------+------------+----------+

| deptno | deptname | depthead |

+--------+------------+----------+

| 01 | cse | vs |

| 02 | civil | ms |

| 03 | mechanical | ga |

| 04 | ece | hr |

| 05 | medical | kv |

+--------+------------+----------+

5 rows in set (0.00 sec)

mysql> use course;

Database changed

mysql> select\*from course;

+----------+-------------+------------+-------+--------+-------+

| courseno | coursedesc | coursetype | semno | hallno | facno |

+----------+-------------+------------+-------+--------+-------+

| C01 | dbms | M | 1 | 502 | 3001 |

| C02 | ethics | E | 2 | NULL | 3002 |

| C03 | mathematics | M | 2 | 412 | 3003 |

| C04 | english | S | 3 | NULL | 3004 |

| C05 | sql | D | 4 | NULL | 3005 |

+----------+-------------+------------+-------+--------+-------+

5 rows in set (0.00 sec)