**Ex.no 3**

**Questions**:

1. Populate all the five tables with your own data

mysql> insert into student values(123,'rajkumar','m','2022-09-08',1234567891,'chennai');

Query OK, 1 row affected (0.04 sec)

mysql> select \* from student;

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

| regno | name     | gender | dob        | mobileno   | city      |

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

|   123 | rajkumar | m      | 2022-09-08 | 1234567891 | chennai   |

|   124 | ram      | m      | 2004-09-08 | 1231231231 | bangalore |

|   125 | nisha    | f      | 2008-09-18 | 1131231231 | hyderabad |

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

3 rows in set (0.00 sec)

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

mysql> update student set name='bino' where regno=123;

Query OK, 1 row affected (0.03 sec)

Rows matched: 1  Changed: 1  Warnings: 0

mysql> select \* from student;

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

| regno | name  | gender | dob        | mobileno   | city      |

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

|   123 | bino  | m      | 2022-09-08 | 1234567891 | chennai   |

|   124 | ram   | m      | 2004-09-08 | 1231231231 | bangalore |

|   125 | nisha | f      | 2008-09-18 | 1131231231 | hyderabad |

|   191 | ganga | f      | 2002-02-22 | 1423123423 | cochin    |

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

4 rows in set (0.00 sec)

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

mysql> delete from faculty where facname='kalai';

Query OK, 1 row affected (0.04 sec)

mysql> select \* from faculty;

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

| facno | facname | gender | dob        | doj        | mobileno   | deptno |

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

| f2    | kamu    | m      | 1997-08-07 | 2021-03-04 |  222345521 | d2     |

| f3    | murugan | m      | 1999-07-07 | 2020-09-08 | 1223234445 | d1     |

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

2 rows in set (0.00 sec)

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

2 rows in set (0.00 sec)

mysql> select \* from faculty;

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

| facno | facname | gender | dob        | doj        | mobileno   | deptno |

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

| f2    | kamu    | m      | 1997-08-07 | 2021-03-04 |  222345521 | d2     |

| f3    | murugan | m      | 1999-07-07 | 2020-09-08 | 1223234445 | d1     |

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

2 rows in set (0.00 sec)

mysql> update faculty set dob='1998-07-07' where facname='murugan' and dob='1999-07-07';

Query OK, 1 row affected (0.04 sec)

Rows matched: 1  Changed: 1  Warnings: 0

mysql> select \* from faculty;

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

| facno | facname | gender | dob        | doj        | mobileno   | deptno |

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

| f2    | kamu    | m      | 1997-08-07 | 2021-03-04 |  222345521 | d2     |

| f3    | murugan | m      | 1998-07-07 | 2020-09-08 | 1223234445 | d1     |

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

1. Remove all faculty who are having over 65 years

mysql> select \* from faculty;

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

| facno | facname | gender | dob        | doj        | mobileno   | deptno |

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

| f1    | kavya   | f      | 2003-12-12 | 2022-06-07 | 9841278965 | d1     |

| f2    | kamu    | m      | 1997-08-07 | 2021-03-04 | 9842732965 | d2     |

| f3    | murugan | m      | 1998-07-07 | 2020-09-08 | 8842732965 | d1     |

| f4    | kannan  | m      | 2001-10-01 | 2022-06-07 | 7842732965 | d2     |

| f5    | gopal   | m      | 1950-08-03 | 1975-11-13 | 9823412876 | d2     |

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

5 rows in set (0.00 sec)

mysql> delete from faculty where (datediff(month,curdate()-dob)>65);

ERROR 1054 (42S22): Unknown column 'month' in 'where clause'

mysql> delete from faculty where ((datediff(curdate(),dob)/365)>65);

Query OK, 1 row affected (0.05 sec)

mysql> select \* from faculty;

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

| facno | facname | gender | dob        | doj        | mobileno   | deptno |

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

| f1    | kavya   | f      | 2003-12-12 | 2022-06-07 | 9841278965 | d1     |

| f2    | kamu    | m      | 1997-08-07 | 2021-03-04 | 9842732965 | d2     |

| f3    | murugan | m      | 1998-07-07 | 2020-09-08 | 8842732965 | d1     |

| f4    | kannan  | m      | 2001-10-01 | 2022-06-07 | 7842732965 | d2     |

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

4 rows in set (0.00 sec)

1. View all the records from the five tables.

mysql> select \* from department;

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

| deptno | deptname | depthead |

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

| d1     | cse      | bala     |

| d2     | ece      | logu     |

| d3     | eee      | sona     |

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

3 rows in set (0.00 sec)