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Create a database named TrainingDB

```
mysql> create database TrainingDB;
Query OK, 1 row affected (0.01 sec)

mysql> use TrainingDB;
Database changed
```

Inside the database, create two tables:

- 1)Students table to store student details(Rollno(primary key),name,email,contact,pinno)
- 2)Courses table to store courses offered(cid(primary key),cname,rollno) here rollno is foreign key.

```
mysql> create table student
-> (
-> roll_no int primary key,
-> name varchar(30),
-> email varchar(30),
-> contact bigint,
-> pin_no int
-> );
Query OK, 0 rows affected (0.03 sec)

mysql> create table course
-> (
-> c_id int primary key,
-> c_name varchar(30),
-> roll_no int,
-> foreign key (roll_no) references student(roll_no)
-> );
Query OK, 0 rows affected (0.07 sec)
```

Q.2) Insert minimum 5 records in each table.

```
mysql> insert into student (roll_no,name,email,contact,pin_no) values
-> (101,"Harsh","harsh@gmail.com",9876543213,410294),
-> (102,"Aney","amey@gmail.com",9876543214,410253),
-> (103,"Amar","amar@gmail.com",9876543217,410206),
-> (104,"Ayesh","ayesh@gmail.com",9876543219,245678),
-> (105,"Ramesh","ramesh@gmail.com",9876543216,354126);
Query OK, 5 rows affected (0.01 sec)
Records: 5  Duplicates: 0  Warnings: 0

mysql> insert into course (c_id,c_name,roll_no) values
-> (1,"IT",101),
-> (2,"CS",102),
-> (3,"AI",103),
-> (4,"DS",104),
-> (5,"ML",105);
Query OK, 5 rows affected (0.01 sec)
Records: 5  Duplicates: 0  Warnings: 0
```

Q.3) View all the records.

```
mysql> SELECT * FROM student;
+-----+-----+-----+-----+-----+
| roll_no | name   | email            | contact | pin_no |
+-----+-----+-----+-----+-----+
|    101  | Harsh  | harsh@gmail.com | 9876543213 | 410294 |
|    102  | Aney   | amey@gmail.com  | 9876543214 | 410253 |
|    103  | Amar   | amar@gmail.com  | 9876543217 | 410206 |
|    104  | Ayesh  | ayesh@gmail.com | 9876543219 | 245678 |
|    105  | Ramesh | ramesh@gmail.com| 9876543216 | 354126 |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> select * from course;
+-----+-----+-----+
| c_id | c_name | roll_no |
+-----+-----+-----+
|    1  | IT     |    101  |
|    2  | CS     |    102  |
|    3  | AI     |    103  |
|    4  | DS     |    104  |
|    5  | ML     |    105  |
+-----+-----+-----+
5 rows in set (0.00 sec)
```

Q.4) Update contact whose rollno is 101.

```
mysql> update student set contact = 9172421038 where roll_no = 101;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0

mysql> SELECT * FROM student;
+-----+-----+-----+-----+-----+
| roll_no | name   | email            | contact      | pin_no |
+-----+-----+-----+-----+-----+
| 101    | Harsh  | harsh@gmail.com | 9172421038  | 410294 |
| 102    | Amey   | amey@gmail.com  | 9876543214  | 410253 |
| 103    | Amar   | amar@gmail.com  | 9876543217  | 410206 |
| 104    | Ayesh  | ayesh@gmail.com | 9876543219  | 245678 |
| 105    | Ramesh | ramesh@gmail.com| 9876543216  | 354126 |
+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```