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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,"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);
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     | 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)
```

```
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)
```