

```
mysql> ALTER TABLE Instructor RENAME COLUMN telephone TO mobile_no;
Query OK, 0 rows affected (0.01 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> ALTER TABLE Stud ADD age int;
Query OK, 0 rows affected (0.02 sec)
Records: 0 Duplicates: 0 Warnings: 0
```

```
mysql> CREATE TABLE Depatrment(d_name char(20) PRIMARY KEY,location char(10));
Query OK, 0 rows affected (0.06 sec)
```

```
mysql> CREATE TABLE Course(course_no varchar(10) PRIMARY KEY,course_name char(20) UNIQUE,duration varchar(10) NOT NULL,prerequisite char(20));
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> CREATE TABLE Stud(roll_no varchar(10) PRIMARY KEY,s_name char(15) NOT NULL,dob date NOT NULL);
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> CREATE TABLE Instructor(instructor_name char(20) PRIMARY KEY,telephone int NOT NULL,room_no varchar(10) NOT NULL, CONSTRAINT UC_Instructor UNIQUE(telephone,room_no));
Query OK, 0 rows affected (0.02 sec)
```

```
mysql> UPDATE Stud SET age=22 WHERE dob<'2002-01-01';
Query OK, 3 rows affected (0.00 sec)
Rows matched: 3 Changed: 3 Warnings: 0
```

```
mysql> INSERT INTO Course(course_no,course_name,duration,prerequisite) VALUES
-> ('COM-401','C++','10 Hours','C Language'),
-> ('COM-402','RDBMS','20 Hours','sql'),
-> ('COM-403','COA','18 Hours','Operating System'),
-> ('COM-411','C++ Lab','12 Hours','C, Data Structures'),
-> ('COM-412','RDBMS Lab','15 Hours','sql,DBMS');
Query OK, 5 rows affected (0.01 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> SELECT * FROM Course!
+-----+-----+-----+-----+
| course-no | course-name | duration | prerequisite |
+-----+-----+-----+-----+
| COM-401 | C++ | 10 Hours | C Language |
| COM-402 | RDBMS | 20 Hours | sql |
| COM-403 | COA | 18 Hours | Operating System |
| COM-411 | C++ Lab | 12 Hours | C, Data Structures |
| COM-412 | RDBMS Lab | 15 Hours | sql,DBMS |
+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> INSERT INTO Instructor(instructor_name,mobile_no,room_no) VALUES
-> ('Mr. Anil Gupta','99081779','A-401'),
-> ('Ms.Vishalika','80820001','A-402'),
-> ('Ms. Azra','941920012','A-403');
Query OK, 3 rows affected (0.01 sec)
Records: 3 Duplicates: 0 Warnings: 0
```

```
mysql> SELECT * FROM Instructor;
```

instructor_name	mobile_no	room_no
Ms.Vishalika	80820001	A-402
Mr. Anil Gupta	99081779	A-401
Ms. Azra	941920012	A-403

3 rows in set (0.00 sec)

```
mysql> INSERT INTO Department(d_name,location) VALUES('CSE','A block'),('ECE','B Block'),('LAW','E Block'),('CIVIL','C_Block');
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

```
mysql> Select * from Department;
```

d_name	location
CIVIL	C_Block
CSE	A block
ECE	B Block
LAW	E Block

4 rows in set (0.00 sec)

```
mysql> UPDATE Stud SET age=21 WHERE dob>'2002-01-01';
Query OK, 0 rows affected (0.00 sec)
Rows matched: 1 Changed: 0 Warnings: 0
```

```
mysql> SELECT * FROM Stud;
```

roll_no	s_name	dob	age
1	PREET	2001-01-01	22
2	SHIVAM	2001-02-01	22
3	SACHIN	2001-02-03	22
4	ADITYA	2002-02-01	21

4 rows in set (0.00 sec)

```
mysql> INSERT INTO Stud(roll_no,s_name,dob) VALUES
-> (1,'PREET','2001-01-01'),
-> (2,'SHIVAM','2001-02-01'),
-> (4,'ADITYA','2002-02-01'),
-> (3,'SACHIN','2001-02-03');
Query OK, 4 rows affected (0.01 sec)
Records: 4 Duplicates: 0 Warnings: 0
```

```
mysql> SELECT * FROM STUD;
```

roll_no	s_name	dob	age
1	PREET	2001-01-01	NULL
2	SHIVAM	2001-02-01	NULL
3	SACHIN	2001-02-03	NULL
4	ADITYA	2002-02-01	NULL

4 rows in set (0.00 sec)