SQL> CREATE TABLE student (rollNo int, name varchar2(15), mark int, grade char (3));

Table created.

SQL> INSERT INTO student (rollNo, name, mark, grade) VALUES (101, 'Ram', 98, 'A');

1 row created.

SQL> INSERT INTO student (rollNo, name, mark, grade) VALUES (103, 'San', 75, 'B');

1 row created.

SQL> INSERT INTO student (rollNo, name, mark, grade) VALUES (102, 'Devi', 87, 'A');

1 row created.

SQL> INSERT INTO student (rollNo, name, mark, grade) VALUES (104, 'Shanthi', 66, 'B');

1 row created.

SQL> INSERT INTO student (rollNo, name, mark, grade) VALUES (165, 'Guru', 54, 'C');

1 row created.

SQL> INSERT INTO student (rollNo, name, mark, grade) VALUES (106, 'Revathi', 45, 'D');

1 row created.

SQL> INSERT INTO student (rollNo, name, mark, grade) VALUES (107, 'Guru', 35, 'E');

1 row created.

SQL> SELECT \* from student;

ROLLNO NAME MARK GRA

---------- --------------- ---------- ---

101 Ram 98 A

103 San 75 B

102 Devi 87 A

104 Shanthi 66 B

165 Guru 54 C

106 Revathi 45 D

107 Guru 35 E

7 rows selected.

SQL> --alter the column

SQL> alter table student add state

2 Varchar2(2) default 'TN';

Table altered.

SQL> select \* from student;

ROLLNO NAME MARK GRA ST

---------- --------------- ---------- --- --

101 Ram 98 A TN

103 San 75 B TN

102 Devi 87 A TN

104 Shanthi 66 B TN

165 Guru 54 C TN

106 Revathi 45 D TN

107 Guru 35 E TN

7 rows selected.

SQL> --drop a column

SQL> alter table student drop column state;

Table altered.

SQL> select \* from student;

ROLLNO NAME MARK GRA

---------- --------------- ---------- ---

101 Ram 98 A

103 San 75 B

102 Devi 87 A

104 Shanthi 66 B

165 Guru 54 C

106 Revathi 45 D

107 Guru 35 E

7 rows selected.

SQL> --update the column

SQL> update student set rollNo = 108 where grade = 'E';

1 row updated.

SQL> select \* from student;

ROLLNO NAME MARK GRA

---------- --------------- ---------- ---

101 Ram 98 A

103 San 75 B

102 Devi 87 A

104 Shanthi 66 B

165 Guru 54 C

106 Revathi 45 D

108 Guru 35 E

7 rows selected.

SQL> --delete the column

SQL> delete from student where rollNo = 108;

1 row deleted.

SQL> select \* from student ;

ROLLNO NAME MARK GRA

---------- --------------- ---------- ---

101 Ram 98 A

103 San 75 B

102 Devi 87 A

104 Shanthi 66 B

165 Guru 54 C

106 Revathi 45 D

6 rows selected.