SQL> CREATE TABLE EMPLOYEE(EMPNO NUMBER(3) PRIMARY KEY,ENAME VARCHAR(200),JOB VARCHAR(20),MGR NUMBER(3),SAL NUMBER(10));

Table created.

SQL> ALTER TABLE EMPLOYEE ADD(COMMISSSION NUMBER(3));

Table altered.

SQL> DESC EMPLOYEE

Name Null? Type

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

EMPNO NOT NULL NUMBER(3)

ENAME VARCHAR2(200)

JOB VARCHAR2(20)

MGR NUMBER(3)

SAL NUMBER(10)

COMMISSSION NUMBER(3)

SQL> INSERT INTO EMPLOYEE VALUES(&EMPNO,'&ENAME','&JOB',&MGR,&SAL,&COMMISSION);

Enter value for empno: 1

Enter value for ename: SURYA

Enter value for job: DEVELOPER

Enter value for mgr: 43

Enter value for sal: 2000

Enter value for commission: 3

old 1: INSERT INTO EMPLOYEE VALUES(&EMPNO,'&ENAME','&JOB',&MGR,&SAL,&COMMISSION)

new 1: INSERT INTO EMPLOYEE VALUES(1,'SURYA','DEVELOPER',43,2000,3)

1 row created.

SQL> /

Enter value for empno: 2

Enter value for ename: TES

Enter value for job: TESTER

Enter value for mgr: 32

Enter value for sal: 2500

Enter value for commission: 6

old 1: INSERT INTO EMPLOYEE VALUES(&EMPNO,'&ENAME','&JOB',&MGR,&SAL,&COMMISSION)

new 1: INSERT INTO EMPLOYEE VALUES(2,'TES','TESTER',32,2500,6)

1 row created.

SQL> /

Enter value for empno: 3

Enter value for ename: THASNI

Enter value for job: TEACHER

Enter value for mgr: 5

Enter value for sal: 1000

Enter value for commission: 4

old 1: INSERT INTO EMPLOYEE VALUES(&EMPNO,'&ENAME','&JOB',&MGR,&SAL,&COMMISSION)

new 1: INSERT INTO EMPLOYEE VALUES(3,'THASNI','TEACHER',5,1000,4)

1 row created.

SQL> /

Enter value for empno: 4

Enter value for ename: THOMAS

Enter value for job: DEVELOPER

Enter value for mgr: 5

Enter value for sal: 2000

Enter value for commission: 2

old 1: INSERT INTO EMPLOYEE VALUES(&EMPNO,'&ENAME','&JOB',&MGR,&SAL,&COMMISSION)

new 1: INSERT INTO EMPLOYEE VALUES(4,'THOMAS','DEVELOPER',5,2000,2)

1 row created.

SQL> /

Enter value for empno: 5

Enter value for ename: DEVI

Enter value for job: DESIGNER

Enter value for mgr: 5

Enter value for sal: 2000

Enter value for commission: 5

old 1: INSERT INTO EMPLOYEE VALUES(&EMPNO,'&ENAME','&JOB',&MGR,&SAL,&COMMISSION)

new 1: INSERT INTO EMPLOYEE VALUES(5,'DEVI','DESIGNER',5,2000,5)

1 row created.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME

JOB MGR SAL COMMISSSION

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

1 SURYA

DEVELOPER 43 2000 3

2 TES

TESTER 32 2500 6

3 THASNI

TEACHER 5 1000 4

4 THOMAS

DEVELOPER 5 2000 2

5 DEVI

DESIGNER 5 2000 5

SQL> UPDATE EMPLOYEE SET JOB='TRAINEE' WHERE EMPNO='3';

1 row updated.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME

JOB MGR SAL COMMISSSION

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

1 SURYA

DEVELOPER 43 2000 3

2 TES

TESTER 32 2500 6

3 THASNI

TRAINEE 5 1000 4

4 THOMAS

DEVELOPER 5 2000 2

5 DEVI

DESIGNER 5 2000 5

SQL> DELETE EMPLOYEE WHERE EMPNO='4';

1 row deleted.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME

JOB MGR SAL COMMISSSION

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

1 SURYA

DEVELOPER 43 2000 3

2 TES

TESTER 32 2500 6

3 THASNI

TRAINEE 5 1000 4

5 DEVI

DESIGNER 5 2000 5

SQL> ALTER TABLE EMPLOYEE RENAME COLUMN MGR TO MANAGER\_NO;

Table altered.

SELECT \* FROM EMPLOYEE;

EMPNO ENAME

JOB MANAGER\_NO SAL COMMISSSION

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

1 SURYA

DEVELOPER 43 2000 3

2 TES

TESTER 32 2500 6

3 THASNI

TRAINEE 5 1000 4

5 DEVI

DESIGNER 5 2000 5

SQL> CREATE TABLE DEPARTMENT(DEPNO NUMBER(3) PRIMARY KEY,DEPTNAME VARCHAR(20) ,LOCATION VARCHAR(20));

Table created.

SQL> DESC DEPARTMENT;

Name Null? Type

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

DEPNO NOT NULL NUMBER(3)

DEPTNAME VARCHAR2(20)

LOCATION VARCHAR2(20)

SQL> ALTER TABLE DEPARTMENT ADD(DESIGNATION VARCHAR(20));

Table altered.

SQL> INSERT INTO DEPARTMENT VALUES(&DEPTNO,'&DEPTNAME','&LOCATION','&DESIGNATION');

Enter value for deptno: 1

Enter value for deptname: COMPUETER

Enter value for location: PALA

Enter value for designation: XYZ

old 1: INSERT INTO DEPARTMENT VALUES(&DEPTNO,'&DEPTNAME','&LOCATION','&DESIGNATION')

new 1: INSERT INTO DEPARTMENT VALUES(1,'COMPUETER','PALA','XYZ')

1 row created.

SQL> SELECT \* FROM DEPARTMENT;

DEPNO DEPTNAME LOCATION DESIGNATION

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

1 COMPUETER PALA XYZ

SQL> /

DEPNO DEPTNAME LOCATION DESIGNATION

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

1 COMPUETER PALA XYZ

SQL> INSERT INTO DEPARTMENT VALUES(&DEPTNO,'&DEPTNAME','&LOCATION','&DESIGNATION');

Enter value for deptno: 2

Enter value for deptname: COMPUTER

Enter value for location: KOTTAYAM

Enter value for designation: XXX

old 1: INSERT INTO DEPARTMENT VALUES(&DEPTNO,'&DEPTNAME','&LOCATION','&DESIGNATION')

new 1: INSERT INTO DEPARTMENT VALUES(2,'COMPUTER','KOTTAYAM','XXX')

1 row created.

SQL> /

Enter value for deptno: 3

Enter value for deptname: MATHS

Enter value for location: PALA

Enter value for designation: XXX

old 1: INSERT INTO DEPARTMENT VALUES(&DEPTNO,'&DEPTNAME','&LOCATION','&DESIGNATION')

new 1: INSERT INTO DEPARTMENT VALUES(3,'MATHS','PALA','XXX')

1 row created.

SELECT \* FROM DEPARTMENT;

DEPNO DEPTNAME LOCATION DESIGNATION

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

1 COMPUETER PALA XYZ

2 COMPUTER KOTTAYAM XXX

3 MATHS PALA XXX

SQL> SELECT DEPNO,DEPTNAME FROM DEPARTMENT GROUP BY DEPNO,DEPTNAME;

DEPNO DEPTNAME

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

1 COMPUETER

3 MATHS

2 COMPUTER

SQL> UPDATE DEPARTMENT SET DEPTNAME='CHEMISTRY' WHERE DEPNO='2';

1 row updated.

SQL> SELECT \* FROM DEPARTMENT;

DEPNO DEPTNAME LOCATION DESIGNATION

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

1 COMPUETER PALA XYZ

2 CHEMISTRY KOTTAYAM XXX

3 MATHS PALA XXX

SQL> ALTER TABLE DEPARTMENT DROP COLUMN LOCATION;

Table altered.

SQL> SELECT \* FROM DEPARTMENT;

DEPNO DEPTNAME DESIGNATION

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

1 COMPUETER XYZ

2 CHEMISTRY XXX

3 MATHS XXX

SQL> CREATE TABLE CUSTOMER(CUSTNAME VARCHAR(20),CUST\_STREET VARCHAR(20),CUST\_CITY VARCHAR(20));

Table created.

SQL> DESC CUSTOMER

Name Null? Type

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

CUSTNAME VARCHAR2(20)

CUST\_STREET VARCHAR2(20)

CUST\_CITY VARCHAR2(20)

SQL> INSERT INTO CUSTOMER VALUES('&CUSTNAME','&CUST\_STREET','&CUST\_CITY');

Enter value for custname: DEVI

Enter value for cust\_street: KIDANGOOR

Enter value for cust\_city: KOTTAYAM

old 1: INSERT INTO CUSTOMER VALUES('&CUSTNAME','&CUST\_STREET','&CUST\_CITY')

new 1: INSERT INTO CUSTOMER VALUES('DEVI','KIDANGOOR','KOTTAYAM')

1 row created.

SQL> /

Enter value for custname: SURYA

Enter value for cust\_street: PADUVA

Enter value for cust\_city: KOTTYAM

old 1: INSERT INTO CUSTOMER VALUES('&CUSTNAME','&CUST\_STREET','&CUST\_CITY')

new 1: INSERT INTO CUSTOMER VALUES('SURYA','PADUVA','KOTTYAM')

1 row created.

SQL> ALTER TABLE CUSTOMER ADD(SALAEY NUMBER(10);

ALTER TABLE CUSTOMER ADD(SALAEY NUMBER(10)

\*

ERROR at line 1:

ORA-00907: missing right parenthesis

SQL> ALTER TABLE CUSTOMER ADD(SALAEY NUMBER(10));

Table altered.

SQL> SELECT \* FROM DEPARTMENT;

DEPNO DEPTNAME DESIGNATION

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

1 COMPUETER XYZ

2 CHEMISTRY XXX

3 MATHS XXX

SQL> SELECT \* FROM CUSTOMER;

CUSTNAME CUST\_STREET CUST\_CITY SALAEY

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

DEVI KIDANGOOR KOTTAYAM

SURYA PADUVA KOTTYAM

SQL> ALTER TABLE CUSTOMER DROP COLUMN SALAEY;

Table altered.

SQL> SELECT \* FROM CUSTOMER;

CUSTNAME CUST\_STREET CUST\_CITY

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

DEVI KIDANGOOR KOTTAYAM

SURYA PADUVA KOTTYAM

SQL> DELETE CUSTOMER WHERE CUST\_CITY='KIDANGOOR';

0 rows deleted.

SQL> SELECT \* FROM CUSTOMER;

CUSTNAME CUST\_STREET CUST\_CITY

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

DEVI KIDANGOOR KOTTAYAM

SURYA PADUVA KOTTYAM

SQL> DELETE CUSTOMER WHERE CUST\_STREET='KIDANGOOR';

1 row deleted.

SQL> SELECT \* FROM CUSTOMER;

CUSTNAME CUST\_STREET CUST\_CITY

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

SURYA PADUVA KOTTYAM