PROGRAMME1:

SQL> CREATE TABLE EMPLOYEE(EMPNO NUMBER(20),ENAME VARCHAR(20),JOB VARCHAR(20),SAL NUMBER(20));

Table created.

SQL> DESC EMPLOYEE;

Name Null? Type

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

EMPNO NUMBER(20)

ENAME VARCHAR2(20)

JOB VARCHAR2(20)

SAL NUMBER(20)

SQL> ALTER TABLE EMPLOYEE ADD(COMISSION NUMBER(20));

Table altered.

SQL> DESC EMPLOYEE;

Name Null? Type

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

EMPNO NUMBER(20)

ENAME VARCHAR2(20)

JOB VARCHAR2(20)

SAL NUMBER(20)

COMISSION NUMBER(20)

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

Enter value for empno: 1

Enter value for ename: TES

Enter value for job: TESTER

Enter value for sal: 100000

Enter value for comission: 36

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

new 1: INSERT INTO EMPLOYEE VALUES(1,'TES','TESTER',100000,36)

1 row created.

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

Enter value for empno: 2

Enter value for ename: ANNA

Enter value for job: TEACHER

Enter value for sal: 200000

Enter value for comission: 45

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

new 1: INSERT INTO EMPLOYEE VALUES(2,'ANNA','TEACHER',200000,45)

1 row created.

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

Enter value for empno: 3

Enter value for ename: ANU

Enter value for job: DESIGNER

Enter value for sal: 3000000

Enter value for comission: 50

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

new 1: INSERT INTO EMPLOYEE VALUES(3,'ANU','DESIGNER',3000000,50)

1 row created.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME JOB SAL COMISSION

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

1 TES TESTER 100000 36

2 ANNA TEACHER 200000 45

3 ANU DESIGNER 3000000 50

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

1 row updated.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME JOB SAL COMISSION

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1 TES TESTER 100000 36

2 ANNA TEACHER 200000 45

3 ANU TRAINEE 3000000 50

SQL> ALTER TABLE EMPLOYEE RENAME COLUMN SAL TO SALARY;

Table altered.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME JOB SALARY COMISSION

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

1 TES TESTER 100000 36

2 ANNA TEACHER 200000 45

3 ANU TRAINEE 3000000 50

SQL> DELETE EMPLOYEE WHERE EMPNO=3;

1 row deleted.

SQL> SELECT \* FROM EMPLOYEE;

EMPNO ENAME JOB SALARY COMISSION

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

1 TES TESTER 100000 36

2 ANNA TEACHER 200000 45

PROGRAMME2:

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

Table created.

SQL> DESC DEPARTMENT;

Name Null? Type

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

DEPTNO NOT NULL NUMBER(20)

DEPTNAME VARCHAR2(20)

LOCATION VARCHAR2(20)

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

Table altered.

SQL> DESC DEPARTMENT;

Name Null? Type

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

DEPTNO NOT NULL NUMBER(20)

DEPTNAME VARCHAR2(20)

LOCATION VARCHAR2(20)

DESIGNATION VARCHAR2(20)

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

Enter value for deptno: 1

Enter value for deptname: MCA

Enter value for location: PALA

Enter value for designation: XYS

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

new 1: INSERT INTO DEPARTMENT VALUES(1,'MCA','PALA','XYS')

1 row created.

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

Enter value for deptno: 2

Enter value for deptname: MBA

Enter value for location: KURUMANNU

Enter value for designation: TYS

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

new 1: INSERT INTO DEPARTMENT VALUES(2,'MBA','KURUMANNU','TYS')

1 row created.

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

Enter value for deptno: 3

Enter value for deptname: B.TECH

Enter value for location: NEELOOR

Enter value for designation: RXD

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

new 1: INSERT INTO DEPARTMENT VALUES(3,'B.TECH','NEELOOR','RXD')

1 row created.

SQL> SELECT \* FROM DEPARTMENT;

DEPTNO DEPTNAME LOCATION DESIGNATION

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

1 MCA PALA XYS

2 MBA KURUMANNU TYS

3 B.TECH NEELOOR RXD

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

DEPTNO DEPTNAME

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

1 MCA

2 MBA

3 B.TECH

SQL> UPDATE DEPARTMENT SET DEPTNAME='M.TECH' WHERE DEPTNO=3;

1 row updated.

SQL> SELECT \* FROM DEPARTMENT;

DEPTNO DEPTNAME LOCATION DESIGNATION

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

1 MCA PALA XYS

2 MBA KURUMANNU TYS

3 M.TECH NEELOOR RXD

SQL> DELETE DEPARTMENT WHERE DEPTNO=3;

1 row deleted.

SQL> SELECT \* FROM DEPARTMENT;

DEPTNO DEPTNAME LOCATION DESIGNATION

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

1 MCA PALA XYS

2 MBA KURUMANNU TYS

SQL> ALTER TABLE DEPARTMENT DROP(DESIGNATION);

Table altered.

SQL> SELECT \* FROM DEPARTMENT;

DEPTNO DEPTNAME LOCATION

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

1 MCA PALA

2 MBA KURUMANNU

PROGRAMME3:

SQL> CREATE TABLE CUSTOMER(CUSTNAME VARCHAR(20),CUSTSTREET VARCHAR(20),CUSTCITY VARCHAR(20));

Table created.

SQL> INSERT INTO CUSTOMER VALUES('&CUSTNAME','&CUSTSTREET','&CUSTCITY(20)');

Enter value for custname: TES

Enter value for custstreet: KASHMEER

Enter value for custcity: LADAKH

old 1: INSERT INTO CUSTOMER VALUES('&CUSTNAME','&CUSTSTREET','&CUSTCITY(20)')

new 1: INSERT INTO CUSTOMER VALUES('TES','KASHMEER','LADAKH(20)')

1 row created.

SQL> /

Enter value for custname: SURYA

Enter value for custstreet: BANGLOORE

Enter value for custcity: KARNATAKA

old 1: INSERT INTO CUSTOMER VALUES('&CUSTNAME','&CUSTSTREET','&CUSTCITY(20)')

new 1: INSERT INTO CUSTOMER VALUES('SURYA','BANGLOORE','KARNATAKA(20)')

1 row created.

SQL> /

Enter value for custname: THASNI

Enter value for custstreet: UDUPPI

Enter value for custcity: THAMILNADU

old 1: INSERT INTO CUSTOMER VALUES('&CUSTNAME','&CUSTSTREET','&CUSTCITY(20)')

new 1: INSERT INTO CUSTOMER VALUES('THASNI','UDUPPI','THAMILNADU(20)')

1 row created.

SQL> SELECT \* FROM CUSTOMER;

CUSTNAME CUSTSTREET CUSTCITY

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

TES KASHMEER LADAKH(20)

SURYA BANGLOORE KARNATAKA(20)

THASNI UDUPPI THAMILNADU(20)

SQL> ALTER TABLE CUSTOMER ADD(SALARY NUMBER(20));

Table altered.

SQL> SELECT \* FROM CUSTOMER;

CUSTNAME CUSTSTREET CUSTCITY SALARY

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

TES KASHMEER LADAKH(20)

SURYA BANGLOORE KARNATAKA(20)

THASNI UDUPPI THAMILNADU(20)

SQL> DESC CUSTOMER;

Name Null? Type

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

CUSTNAME VARCHAR2(20)

CUSTSTREET VARCHAR2(20)

CUSTCITY VARCHAR2(20)

SALARY NUMBER(20)

SQL> ALTER TABLE CUSTOMER DROP(SALARY);

Table altered.

SQL> DESC CUSTOMER;

Name Null? Type

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

CUSTNAME VARCHAR2(20)

CUSTSTREET VARCHAR2(20)

CUSTCITY VARCHAR2(20)

SQL> DELETE CUSTOMER WHERE CUSTSTREET='LADAKH';

0 rows deleted.

SQL> DELETE CUSTOMER WHERE CUSTSTREET='KASHMEER';

1 row deleted.

SQL> SELECT \* FROM CUSTOMER;

CUSTNAME CUSTSTREET CUSTCITY

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SURYA BANGLOORE KARNATAKA(20)

THASNI UDUPPI THAMILNADU(20)