**1.Create a table called EMP with following structure.**

|  |  |
| --- | --- |
| NAME | TYPE |
| EMPNO | NUMBER |
| ENMAE | VARCHAR2(20) |
| JOB | VARCHAR2(20) |
| SAL | VARCHAR2(20) |

SQL> CREATE TABLE EMP(EMPNO NUMBER(10),ENMAE VARCHAR2(20),JOB VARCHAR2(20),SAL NUMBER(10));

Table created.

**A.Insert into 3 records into the table.**

SQL> INSERT INTO EMP VALUES(&EMPNO,'&EMPNAME','&JOB',&SAL);

Enter value for empno: 1

Enter value for empname: ANNA

Enter value for job: HR

Enter value for sal: 25000

old 1: INSERT INTO EMP VALUES(&EMPNO,'&EMPNAME','&JOB',&SAL)

new 1: INSERT INTO EMP VALUES(1,'ANNA','HR',25000)

1 row created.

SQL> INSERT INTO EMP VALUES(&EMPNO,'&EMPNAME','&JOB',&SAL);

Enter value for empno: 2

Enter value for empname: ANJU

Enter value for job: MANAGER

Enter value for sal: 25000

old 1: INSERT INTO EMP VALUES(&EMPNO,'&EMPNAME','&JOB',&SAL)

new 1: INSERT INTO EMP VALUES(2,'ANJU','MANAGER',25000)

1 row created.

SQL> INSERT INTO EMP VALUES(&EMPNO,'&EMPNAME','&JOB',&SAL);

Enter value for empno: 3

Enter value for empname: ANADHU

Enter value for job: MANAGER

Enter value for sal: 40000

old 1: INSERT INTO EMP VALUES(&EMPNO,'&EMPNAME','&JOB',&SAL)

new 1: INSERT INTO EMP VALUES(3,'ANADHU','MANAGER',40000)

1 row created.

SQL> SELECT \* FROM EMP;

EMPNO ENMAE JOB SAL

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1 ANNA HR 25000

2 ANJU MANAGER 25000

3 ANADHU MANAGER 40000

**B.Add a column COMMISSION with domain to the EMP table.**

SQL> ALTER TABLE EMP ADD COMMISSION NUMBER;

Table altered.

SQL> SELECT \* FROM EMP;

EMPNO ENMAE JOB SAL COMMISSION

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1 ANNA HR 25000

2 ANJU MANAGER 25000

3 ANADHU MANAGER 40000

**C.Update the column details of JOB.**

SQL> UPDATE EMP SET JOB='TRAINEE' WHERE EMPNO=2;

1 row updated.

SQL> SELECT \* FROM EMP;

EMPNO ENMAE JOB SAL COMMISSION

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1 ANNA HR 25000

2 ANJU TRAINEE 25000

3 ANADHU MANAGER 40000

**D.Rename the column of EMP table using alter command.**

SQL> ALTER TABLE EMP RENAME COLUMN SAL TO SALARY;

Table altered.

SQL> SELECT \* FROM EMP;

EMPNO ENMAE JOB SALARY COMMISSION

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1 ANNA HR 25000

2 ANJU TRAINEE 25000

3 ANADHU MANAGER 40000

**E.Insert values into column COMMISSION.**

SQL> UPDATE EMP SET COMMISSION=100 WHERE EMPNO=1;

1 row updated.

SQL> UPDATE EMP SET COMMISSION=100 WHERE EMPNO=2;

1 row updated.

SQL> UPDATE EMP SET COMMISSION=100 WHERE EMPNO=3;

1 row updated.

SQL> SELECT \* FROM EMP;

EMPNO ENMAE JOB SALARY COMMISSION

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1 ANNA HR 25000 100

2 ANJU TRAINEE 25000 100

3 ANADHU MANAGER 40000 100

**F.Delete the EMP table whose EMPNO is 3.**

SQL> DELETE EMP WHERE EMPNO=3;

1 row deleted.

SQL> SELECT \* FROM EMP;

EMPNO ENMAE JOB SALARY COMMISSION

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1 ANNA HR 25000 100

2 ANJU TRAINEE 25000 100