1. **Create two tables and insert values.**

SQL> create table o\_emp (

o\_id number(5),

o\_name varchar(20),

o\_salary number(10),

age number(5) default(25));

Table created.

SQL> create table n\_emp(

2 n\_id number(5),

3 n\_name varchar(20),

4 n\_salary number(10),

5 age number(5));

Table created.

SQL> insert into o\_emp values(1,'JOHN',10000,25);

1 row created.

SQL> insert into o\_emp values(2,'MIKE',5000,25);

1 row created.

SQL> insert into o\_emp values(3,'ALICE',6000,25);

1 row created.

SQL> insert into o\_emp values(4,'ROSE',12000,25);

1 row created.

SQL> insert into n\_emp values(11,'MARK',15000,18);

1 row created.

SQL> insert into n\_emp values(12,'JESSIE',10000,17);

1 row created.

SQL> insert into n\_emp values(13,'NANCY',9000,25);

1 row created.

SQL> insert into n\_emp values(14,'SAM',15000,24);

1 row created.

SQL> select \* from o\_emp;

O\_ID O\_NAME O\_SALARY AGE

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

1 JOHN 10000 25

2 MIKE 5000 25

3 ALICE 6000 25

4 ROSE 12000 25

SQL> select \* from n\_emp;

N\_ID N\_NAME N\_SALARY AGE

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

11 MARK 15000 18

12 JESSIE 10000 17

13 NANCY 9000 25

14 SAM 15000 24

1. **Insert all the data of the old emp table to the new emp table.**

SQL> insert into n\_emp

2 select \* from o\_emp;

4 rows created.

SQL> select \* from n\_emp;

N\_ID N\_NAME N\_SALARY AGE

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

11 MARK 15000 18

12 JESSIE 10000 17

13 NANCY 9000 25

14 SAM 15000 24

1 JOHN 10000 25

2 MIKE 5000 25

3 ALICE 6000 25

4 ROSE 12000 25

8 rows selected.

1. **Display salary of JOHN.**

SQL> select n\_salary from n\_emp where n\_name='JOHN';

N\_SALARY

----------

10000

1. **Add a new employee with only name and salary in n\_emp table.**

SQL> insert into n\_emp (n\_name,n\_salary)values('JOSEPH',20000);

1 row created.

SQL> select \* from n\_emp;

N\_ID N\_NAME N\_SALARY AGE

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

11 MARK 15000 18

12 JESSIE 10000 17

13 NANCY 9000 25

14 SAM 15000 24

1 JOHN 10000 25

2 MIKE 5000 25

3 ALICE 6000 25

4 ROSE 12000 25

JOSEPH 20000

9 rows selected.

1. **Increase the salary of MARK by 500.**

SQL> update n\_emp set n\_salary=n\_salary+500 where n\_name='MARK';

1 row updated.

SQL> select \* from n\_emp;

N\_ID N\_NAME N\_SALARY AGE

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

11 MARK 15500 18

12 JESSIE 10000 17

13 NANCY 9000 25

14 SAM 15000 24

1 JOHN 10000 25

2 MIKE 5000 25

3 ALICE 6000 25

4 ROSE 12000 25

JOSEPH 20000

9 rows selected.

1. **Change the name of JOHN to RAM and increment the salary by 10%.**

SQL> update n\_emp

2 set n\_name='RAM', n\_salary=n\_salary+(n\_salary\*10/100) where n\_name='JOHN';

1 row updated.

SQL> select \* from n\_emp;

N\_ID N\_NAME N\_SALARY AGE

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

11 MARK 15500 18

12 JESSIE 10000 17

13 NANCY 9000 25

14 SAM 15000 24

1 RAM 11000 25

2 MIKE 5000 25

3 ALICE 6000 25

4 ROSE 12000 25

JOSEPH 20000

9 rows selected.

1. **Change the ID of JESSIE to the ID of MIKE using subquery.**

SQL> update n\_emp set n\_id=(select o\_id from o\_emp where o\_name='MIKE') where n\_name='JESSIE';

1 row updated.

SQL> select \* from n\_emp;

N\_ID N\_NAME N\_SALARY AGE

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

11 MARK 15500 18

2 JESSIE 10000 17

13 NANCY 9000 25

14 SAM 15000 24

1 RAM 11000 25

2 MIKE 5000 25

3 ALICE 6000 25

4 ROSE 12000 25

JOSEPH 20000

9 rows selected.

1. **Delete the employee whose ID is 13.**

SQL> delete from n\_emp where n\_id=13;

1 row deleted.

SQL> select \* from n\_emp;

N\_ID N\_NAME N\_SALARY AGE

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

11 MARK 15500 18

2 JESSIE 10000 17

14 SAM 15000 24

1 RAM 11000 25

2 MIKE 5000 25

3 ALICE 6000 25

4 ROSE 12000 25

JOSEPH 20000

8 rows selected.

1. **Delete the employee from second table whose salary is less than 10000 using subquery.**

SQL> delete from n\_emp where n\_salary in (select n\_salary from n\_emp where n\_salary<10000);

2 rows deleted.

SQL> select \* from n\_emp;

N\_ID N\_NAME N\_SALARY AGE

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

11 MARK 15500 18

2 JESSIE 10000 17

14 SAM 15000 24

1 RAM 11000 25

4 ROSE 12000 25

JOSEPH 20000

6 rows selected.