SUB QUERIES

SQL> create table employees(id number(3),name varchar2(10),age number(2),mobno number(10),salary number(5));

Table created.

SQL> insert into employees values(101,'siva',20,7676778767,30000);

1 row created.

SQL> insert into employees values(102,'bala',21,5645678767,32000);

1 row created.

SQL> insert into employees values(103,'sai',40,9898956456,20000);

1 row created.

SQL> insert into employees values(105,'ranjith',23,9086745345,23000);

1 row created.

SQL> insert into employees values(104,'aswin',33,8765645345,18000);

1 row created.

SQL> insert into employees values(106,'hari',34,7868843545,17000);

1 row created.

SQL> select * from employees;

ID	NAME	AGE	MOBNO	SALARY
101	siva	20	7676778767	30000
102	bala	21	5645678767	32000
103	sai	40	9898956456	20000
105	ranjith	23	9086745345	23000
104	aswin	33	8765645345	18000
106	hari	34	7868843545	17000

6 rows selected.

SQL> select * from employees where id in (select id from employees where salary > 20000);

```
     ID    NAME     AGE    MOBNO        SALARY

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

    101    siva      20     7676778767    30000

    102    bala      21     5645678767    32000

    105    ranjith   23     9086745345    23000
```

SQL> create table employees_bkp(id number(3),name varchar2(10),age number(2),mobno number(10),salary number(5));

Table created.

SQL> insert into employees_bkp select * from employees where id in (select id from employees);

6 rows created.

SQL> select * from employees_bkp;

```
     ID    NAME     AGE    MOBNO        SALARY

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

    101    siva      20     7676778767    30000

    102    bala      21     5645678767    32000

    103    sai       40     9898956456    20000

    105    ranjith   23     9086745345    23000

    104    aswin     33     8765645345    18000
```

```
    106     hari        34      7868843545    17000
```

6 rows selected.

SQL> update employees set salary = salary * 0.5 where age in (select age from employees_bkp where age>=33);

3 rows updated.

SQL> select * from employees;

```
    ID      NAME     AGE     MOBNO         SALARY

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

    101     siva        20      7676778767    30000

    102     bala        21      5645678767    32000

    103     sai         40      9898956456    10000

    105     ranjith     23      9086745345    23000

    104     aswin       33      8765645345     9000

    106     hari        34      7868843545     8500
```

6 rows selected.

SQL> delete from employees where age in (select age from employees_bkp where age>=33);

3 rows deleted.

SQL> select * from employees;

```
     ID     NAME      AGE     MOBNO          SALARY
---------- --------- ----------- -------------    ----------
    101     siva       20      7676778767     30000

    102     bala       21      5645678767     32000

    105     ranjith    23      9086745345     23000
```