SUB QUERIES

QUERY 1: CREATE A TABLE EMP1:

SQL> create table emp1(emp\_name varchar2(20),city varchar2(10));

Table created.

RESULT 1:

SQL> desc emp1

Name Null? Type

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EMP\_NAME VARCHAR2(20)

CITY VARCHAR2(10)

QUERY 2: INSERT RECORD INTO THE TABLE EMP1:

SQL> insert into emp1 values('Smart','kalavai');

1 row created.

SQL> insert into emp1 values('Sadha','Arcot');

1 row created.

SQL> insert into emp1 values('Siva','Cheyyar');

1 row created.

SQL> insert into emp1 values('Sakthi','Chennai');

1 row created.

RESULT 2:

SQL> select \* from emp1;

EMP\_NAME CITY

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Smart kalavai

Sadha Arcot

Siva Cheyyar

Sakthi Chennai

QUERY 3: CREATE A TABLE EMP\_SALARY:

SQL> create table emp\_salary(emp\_name varchar2(10),dept varchar2(10),salary number(6),working\_area varchar2(10));

Table created.

RESULT 3:

SQL> desc emp\_salary;

Name Null? Type

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EMP\_NAME VARCHAR2(10)

DEPT VARCHAR2(10)

SALARY NUMBER(6)

WORKING\_AREA VARCHAR2(10)

QUERY 4: INSERT RECORDS INTO THE TABLE EMP\_SALARY:

SQL> insert into emp\_salary values('Smart','CA',10000,'Kalavai');

1 row created.

SQL> insert into emp\_salary values('Sadha','CS',20000,'Arcot');

1 row created.

SQL> insert into emp\_salary values('Siva','IT',30000,'Cheyyar');

1 row created.

SQL> insert into emp\_salary values('Karthi','CA',40000,'Arni');

1 row created.

RESULT 4:

SQL> select \* from emp\_salary;

EMP\_NAME DEPT SALARY WORKING\_AREA

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Smart CA 10000 Kalavai

Sadha CS 20000 Arcot

Siva IT 30000 Cheyyar

Karthi CA 40000 Arni

QUERY 5: SUB QUERIES USING IN:

SQL> select emp\_name,city from emp1 where emp\_name in(select emp\_name from emp\_salary);

RESULT 5:

EMP\_NAME CITY

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Smart kalavai

Sadha Arcot

Siva Cheyyar

QUERY 6: SUB QUERIES USING SOME:

SQL> select emp\_name,dept from emp\_salary where salary>some(select salary from emp\_salary);

RESULT 6:

EMP\_NAME DEPT

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Sadha CS

Siva IT

Karthi CA

QUERY 7: SUB QUERIES USING ALL:

SQL> select emp\_name,dept from emp\_salary where salary>all(select salary from emp\_salary);

RESULT 7:

no rows selected

QUERY 8: SUB QUERIES USNG ALL(WITH QHERE CONDITION):

SQL> select emp\_name,dept from emp\_salary where salary>all(select salary from emp\_salary where dept='IT');

RESULT 8:

EMP\_NAME DEPT

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Karthi CA

QUERY 9: SUB QUERIES USING NOT IN:

SQL> select emp\_name,city from emp1 where emp\_name not in(select emp\_name from emp\_salary);

RESULT 9:

EMP\_NAME CITY

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Sakthi Chennai