JOINS

QUERY 1: CREATE A TABLE EMP:

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

Table created.

RESULT 1:

SQL> desc emp;

Name Null? Type

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EMP\_NAME VARCHAR2(10)

CITY VARCHAR2(10)

QUERY 2: INSERT RECORDS INTO THE TABLE EMP:

SQL> insert into emp values('Smart','Kalavai');

1 row created.

SQL> insert into emp values('Speed','Arcot');

1 row created.

SQL> insert into emp values('Siva','Chennai');

1 row created.

SQL> insert into emp values('Sakthi','Cheyyar');

1 row created.

RESULT 2:

SQL> select \* from emp;

EMP\_NAME CITY

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Smart Kalavai

Speed Arcot

Siva Chennai

Sakthi Cheyyar

QUERY 3: CREATE A TABLE EMP\_SALARY:

SQL> create table emp\_salary(emp\_name varchar2(10),dept varchar2(10),salary number(6),work\_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)

WORK\_AREA VARCHAR2(10)

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

SQL> insert into emp\_salary values('Karthi','CA',10000,'Pune');

1 row created.

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

1 row created.

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

1 row created.

SQL> insert into emp\_salary values('Sakthi','CA',40000,'Cheyyar');

1 row created.

RESULT 4:

SQL> select \* from emp\_salary;

EMP\_NAME DEPT SALARY WORK\_AREA

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Karthi CA 10000 Pune

Speed CS 20000 Arcot

Siva IT 30000 Chennai

Sakthi CA 40000 Cheyyar

QUERY 5: LEFT JOIN:

SQL> select emp.emp\_name,dept,city from emp left join emp\_salary on emp.emp\_name=emp\_salary.emp\_name;

RESULT 5:

EMP\_NAME DEPT CITY

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Speed CS Arcot

Siva IT Chennai

Sakthi CA Cheyyar

Smart Kalavai

QUERY 6: RIGHT JOIN:

SQL> select emp.emp\_name,dept,city from emp right join emp\_salary on emp.emp\_name=emp\_salary.emp\_name;

RESULT 6:

EMP\_NAME DEPT CITY

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Speed CS Arcot

Siva IT Chennai

Sakthi CA Cheyyar

CA

QUERY 7: EQUAL JOIN:

SQL> select emp.emp\_name,dept,city from emp,emp\_salary where city=work\_area;

RESULT 7:

EMP\_NAME DEPT CITY

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Speed CS Arcot

Siva IT Chennai

Sakthi CA Cheyyar