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SQL> connect system

Enter password:

Connected.

SQL> create table customers(id number(3), name varchar2(15), age number(3), address varchar2(10), salary number(10));

Table created.

SQL> insert into customers values(1,'ramesh',32,'ahmedabad',20000);

1 row created.

SQL> insert into customers values(2,'khilan',25,'delhi',15000);

1 row created.

SQL> insert into customers values(3,'kaushik',23,'kota',20000);

1 row created.

SQL> insert into customers values(4,'hardik',27,'mumbai',65000);

1 row created.

SQL> insert into customers values(5,'komal',27,'bhopal',30000);

1 row created.

SQL> create table orders(oid number(3), o\_date date, customer\_id number(3), amount number(10));

Table created.

SQL> insert into orders values(102,'09-aug-05',3,20000);

1 row created.

SQL> insert into orders values(100,'29-oct-09',3,40000);

1 row created.

SQL> insert into orders values(101,'12-feb-09',4,20000);

1 row created.

SQL> insert into orders values(103,'11-mar-09',2,20000);

1 row created.

SQL> select\*from customers;

ID NAME AGE ADDRESS SALARY

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1 ramesh 32 ahmedabad 20000

2 khilan 25 delhi 15000

3 kaushik 23 kota 20000

4 hardik 27 mumbai 65000

5 komal 27 bhopal 30000

SQL> select\*from orders;

OID O\_DATE CUSTOMER\_ID AMOUNT

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102 09-AUG-05 3 20000

100 29-OCT-09 3 40000

101 12-FEB-09 4 20000

103 11-MAR-09 2 20000

SQL> select id, name, amount, o\_date from customers inner join orders on customers.id=orders.customer\_id;

ID NAME AMOUNT O\_DATE

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2 khilan 20000 11-MAR-09

3 kaushik 40000 29-OCT-09

3 kaushik 20000 09-AUG-05

4 hardik 20000 12-FEB-09

SQL> select id, name, amount, o\_date from customers left join orders on customers.id=orders.customer\_id;

ID NAME AMOUNT O\_DATE

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3 kaushik 20000 09-AUG-05

3 kaushik 40000 29-OCT-09

4 hardik 20000 12-FEB-09

2 khilan 20000 11-MAR-09

5 komal

1 ramesh

6 rows selected.

SQL> select id, name, amount, o\_date from customers right join orders on customers.id=orders.customer\_id;

ID NAME AMOUNT O\_DATE

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2 khilan 20000 11-MAR-09

3 kaushik 40000 29-OCT-09

3 kaushik 20000 09-AUG-05

4 hardik 20000 12-FEB-09

SQL> select id, name, amount, o\_date from customers left outer join orders on customers.id=orders.customer\_id;

ID NAME AMOUNT O\_DATE

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3 kaushik 20000 09-AUG-05

3 kaushik 40000 29-OCT-09

4 hardik 20000 12-FEB-09

2 khilan 20000 11-MAR-09

5 komal

1 ramesh

6 rows selected.

SQL> select a.id, b.name, a.salary from customers a, customers b where a.salary <b.salary;

ID NAME SALARY

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1 hardik 20000

1 komal 20000

2 ramesh 15000

2 kaushik 15000

2 hardik 15000

2 komal 15000

3 hardik 20000

3 komal 20000

5 hardik 30000

9 rows selected.

SQL> select id, name, amount, date customers cross join orders;

select id, name, amount, date customers cross join orders

SQL> select id, name, amount, o\_date from customers cross join orders;

ID NAME AMOUNT O\_DATE

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1 ramesh 20000 09-AUG-05

2 khilan 20000 09-AUG-05

3 kaushik 20000 09-AUG-05

4 hardik 20000 09-AUG-05

5 komal 20000 09-AUG-05

1 ramesh 40000 29-OCT-09

2 khilan 40000 29-OCT-09

3 kaushik 40000 29-OCT-09

4 hardik 40000 29-OCT-09

5 komal 40000 29-OCT-09

1 ramesh 20000 12-FEB-09

ID NAME AMOUNT O\_DATE

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2 khilan 20000 12-FEB-09

3 kaushik 20000 12-FEB-09

4 hardik 20000 12-FEB-09

5 komal 20000 12-FEB-09

1 ramesh 20000 11-MAR-09

2 khilan 20000 11-MAR-09

3 kaushik 20000 11-MAR-09

4 hardik 20000 11-MAR-09

5 komal 20000 11-MAR-09

20 rows selected.

SQL>