CO1-Exp-3

SQL> create table customers(id integer primary key,name varchar(20),age char(20),address varchar(20),salary float);

Table created.

SQL> insert into customers values(1,'Ramesh',32,'Ahmedabad',2000.00);

1 row created.

SQL> insert into customers values(2,'Khilan',25,'Dhelhi',1500.00);

1 row created.

SQL> insert into customers values(3,'Kaushik',23,'Kota',2000.00);

1 row created.

SQL> insert into customers values(4,'Chaitali',25,'Mumbai',6500.00);

1 row created.

SQL> insert into customers values(5,'Hardik',27,'Bhopal',8500.00);

1 row created.

SQL> insert into customers values(6,'Komal',22,'MP',4500.00);

1 row created.

SQL> insert into customers values(7,'Muffy',24,'Indore',10000.00);

1 row created.

SQL> set linesize 120

SQL> select \* from customers;

ID NAME AGE ADDRESS SALARY

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1 Ramesh 32 Ahmedabad 2000

2 Khilan 25 Dhelhi 1500

3 Kaushik 23 Kota 2000

4 Chaitali 25 Mumbai 6500

5 Hardik 27 Bhopal 8500

6 Komal 22 MP 4500

7 Muffy 24 Indore 10000

7 rows selected.

SQL> create table orders(oid integer,dates varchar(15),customer\_id integer,amount integer);

Table created.

SQL> insert into orders values(102,'2009-10-08',3,3000);

1 row created.

SQL> insert into orders values(100,'2009-10-08',3,1500);

1 row created.

SQL> insert into orders values(101,'2009-11-20',2,1560);

1 row created.

SQL> insert into orders values(103,'2008-05-20',4,2060);

1 row created.

SQL> select \* from orders;

OID DATES CUSTOMER\_ID AMOUNT

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102 2009-10-08 3 3000

100 2009-10-08 3 1500

101 2009-11-20 2 1560

103 2008-05-20 4 2060

SQL> commit;

Commit complete.

A) SQL> select id,name,amount,dates from customer inner join orders on customer.id = orders.customer\_id;

ID NAME AMOUNT DATES

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2 Khilan 1560 2009-11-20

3 Kaushik 1500 2009-10-08

3 Kaushik 3000 2009-10-08

4 Chaitali 2060 2008-05-20

B) SQL> select id,name,amount,dates from customer left join orders on customer.id = orders.customer\_id;

ID NAME AMOUNT DATES

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

3 Kaushik 3000 2009-10-08

3 Kaushik 1500 2009-10-08

2 Khilan 1560 2009-11-20

4 Chaitali 2060 2008-05-20

5 Hardik

1 Ramesh

6 Komal

7 Muffy

8 rows selected.

C) SQL> select id,name,amount,dates from customer right join orders on customer.id = orders.customer\_id;

ID NAME AMOUNT DATES

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2 Khilan 1560 2009-11-20

3 Kaushik 1500 2009-10-08

3 Kaushik 3000 2009-10-08

4 Chaitali 2060 2008-05-20

D) SQL> select id,name,amount,dates from customer full join orders on customer.id = orders.customer\_id;

ID NAME AMOUNT DATES

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

1 Ramesh

2 Khilan 1560 2009-11-20

3 Kaushik 3000 2009-10-08

3 Kaushik 1500 2009-10-08

4 Chaitali 2060 2008-05-20

5 Hardik

6 Komal

7 Muffy

8 rows selected.