

## 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
-----				
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
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
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
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.