

Join operations

Program:

```
SQL> create table tblCustomers(CustomerId number(5),CustomerName varchar(14));
```

Table created.

```
SQL> create table tblBranches(BranchId number(4),CustomerId number(5),BranchName  
varchar(14));
```

Table created.

```
SQL> insert into tblCustomers values(&CustomerId,&CustomerName');
```

Enter value for customerid: 1

Enter value for customername: Vinay

```
old 1: insert into tblCustomers values(&CustomerId,&CustomerName')
```

```
new 1: insert into tblCustomers values(1,'Vinay')
```

1 row created.

```
SQL> /
```

Enter value for customerid: 2

Enter value for customername: Raju

```
old 1: insert into tblCustomers values(&CustomerId,&CustomerName')
```

```
new 1: insert into tblCustomers values(2,'Raju')
```

1 row created.

SQL> /

Enter value for customerid: 3

Enter value for customername: Mani

old 1: insert into tblCustomers values(&CustomerId,&CustomerName')

new 1: insert into tblCustomers values(3,'Mani')

1 row created.

SQL> insert into tblBranches values(&BranchId,&CustomerId,&BranchName');

Enter value for branchid: 1

Enter value for customerid: 1

Enter value for branchname: Punjab

old 1: insert into tblBranches values(&BranchId,&CustomerId,&BranchName')

new 1: insert into tblBranches values(1,1,'Punjab')

1 row created.

SQL> /

Enter value for branchid: 2

Enter value for customerid: 2

Enter value for branchname: Maharastra

old 1: insert into tblBranches values(&BranchId,&CustomerId,&BranchName')

new 1: insert into tblBranches values(2,2,'Maharastra')

1 row created.

SQL> /

Enter value for branchid: 3

Enter value for customerid: 3

Enter value for branchname: Bengaluru

old 1: insert into tblBranches values(&BranchId,&CustomerId,&BranchName')

new 1: insert into tblBranches values(3,3,'Bengaluru')

1 row created.

SQL> /

Enter value for branchid: 4

Enter value for customerid: Null

Enter value for branchname: Chennai

old 1: insert into tblBranches values(&BranchId,&CustomerId,&BranchName')

new 1: insert into tblBranches values(4,Null,'Chennai')

1 row created.

SQL> select *from tblCustomers;

CUSTOMERID CUSTOMERNAME

1 Vinay

2 Raju

3 Mani

SQL> select *from tblBranches;

BRANCHID CUSTOMERID BARNCHNAME

1	1 Punjab
2	2 Maharastra
3	3 Bengaluru
4	Chennai

Inner Join:

SQL> select *from tblCustomers inner join tblBranches on
tblCustomers.CustomerId=tblBranches.Customerid;

CUSTOMERID CUSTOMERNAME BRANCHID CUSTOMERID BARNCHNAME

1 Vinay	1	1 Punjab
2 Raju	2	2 Maharastra
3 Mani	3	3 Bengaluru

Left Join

SQL> select *from tblCustomers left join tblBranches on
tblCustomers.CustomerId=tblBranches.Customerid;

CUSTOMERID CUSTOMERNAME BRANCHID CUSTOMERID BARNCHNAME

1 Vinay	1	1 Punjab
2 Raju	2	2 Maharastra
3 Mani	3	3 Bengaluru

Right Join

SQL> select *from tblCustomers right join tblBranches on
tblCustomers.CustomerId=tblBranches.Customerid;

CUSTOMERID	CUSTOMERNAME	BRANCHID	CUSTOMERID	BARNAME
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1	Vinay	1	1	Punjab
2	Raju	2	2	Maharastra
3	Mani	3	3	Bengaluru
		4		Chennai

Full outer join

SQL> select *from tblCustomers full outer join tblBranches on
tblCustomers.CustomerId=tblBranches.Customerid;

CUSTOMERID	CUSTOMERNAME	BRANCHID	CUSTOMERID	BARNAME
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1	Vinay	1	1	Punjab
2	Raju	2	2	Maharastra
3	Mani	3	3	Bengaluru
		4		Chennai