

Student

Stu_id	Stu_name
1	Naresh
2	Suresh
3	Kamlesh
4	rajesh
5	eshwar
6	Narender

Course

stu_id	course_id	course_name
1	1001	Mathematics
1	1002	Physics
1	1003	Chemistry
3	1004	Statistics
3	1001	Mathematics
4	1001	Mathematics

Stu_id	Stu_name		course_id	course_name
1	Naresh	1	1001	Mathematics
1	Naresh	1	1002	Physics
1	Naresh	1	1003	Chemistry
3	Kamlesh	3	1004	Statistics
3	Kamlesh	3	1001	Mathematics
4	rajesh	4	1001	Mathematics

INNER JOIN

```
select stu.stu_id,stu.stu_name,crs.course_name,crs.course_id
FROM student stu
INNER JOIN courses crs
ON stu.stu_id=crs.stu_id;
```

LEFT JOIN

```
SELECT stu.stu_id,stu.stu_name,crs.course_name,crs.course_id
FROM student stu
LEFT JOIN courses crs
ON stu.stu_id=crs.stu_id;
```

Student

Stu_id	Stu_name
1	Naresh
2	Suresh
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4	rajesh
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6	Narender

Course

stu_id	course_id	course_name
1	1001	Mathematics
1	1002	Physics
1	1003	Chemistry
3	1004	Statistics
3	1001	Mathematics
4	1001	Mathematics

Stu_id	Stu_name		course_id	course_name
1	Naresh	1	1001	Mathematics
1	Naresh	1	1002	Physics
1	Naresh	1	1003	Chemistry
2	Suresh	NULL	NULL	NULL
3	Kamlesh	3	1004	Statistics
3	Kamlesh	3	1001	Mathematics
4	rajesh	4	1001	Mathematics
5	eshwar	NULL	NULL	NULL
6	Narender	NULL	NULL	NULL

RIGHT JOIN

```
SELECT stu.stu_id,stu.stu_name,crs.course_name,crs.course_id
FROM student stu
RIGHT JOIN courses crs
ON stu.stu_id=crs.stu_id;
```

Student

Stu_id	Stu_name
1	Naresh
2	Suresh
3	Kamlesh
4	rajesh
5	eshwar
6	Narender

Course

stu_id	course_id	course_name
1	1001	Mathematics
1	1002	Physics
1	1003	Chemistry
3	1004	Statistics
3	1001	Mathematics
4	1001	Mathematics
7	1005	Computers

	course_id	course_name	Stu_id	Stu_name
1	1001	Mathematics	1	Naresh
1	1002	Physics	1	Naresh
1	1003	Chemistry	1	Naresh
3	1004	Statistics	3	Kamlesh
3	1001	Mathematics	3	Kamlesh
4	1001	Mathematics	4	rajesh
7	1005	Computers	NULL	NULL

FULL OUTER JOIN

```
SELECT stu.stu_id,stu.stu_name,crs.course_name,crs.course_id
```

```
FROM student stu
```

```
FULL OUTER JOIN courses crs
```

```
ON stu.stu_id=crs.stu_id;
```

Student

Stu_id	Stu_name
1	Naresh
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3	Kamlesh
4	rajesh
5	eshwar
6	Narender

Course

stu_id	course_id	course_name
1	1001	Mathematics
1	1002	Physics
1	1003	Chemistry
3	1004	Statistics
3	1001	Mathematics
4	1001	Mathematics
7	1005	Computers

Stu_id	Stu_name	stu_id	course_id	course_name
1	Naresh	1	1001	Mathematics
1	Naresh	1	1002	Physics
1	Naresh	1	1003	Chemistry
2	Suresh	NULL	NULL	NULL
3	Kamlesh	3	1004	Statistics
3	Kamlesh	3	1001	Mathematics
4	rajesh	4	1001	Mathematics
5	eshwar	NULL	NULL	NULL
6	Narender	NULL	NULL	NULL
NULL	NULL	7	1005	Computers