

# MYSQL - LEFT JOIN Query

Topics : [MYSQL](#)

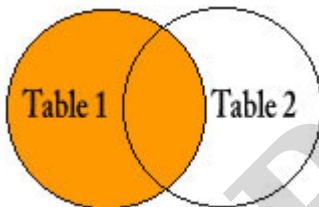
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LEFT JOIN Query in mysql is used to join multiple tables which return all the records from the first (left-side) table even no matching records found from the second (right side) table. If it will not find any matches record from the right side table, then returns null.

- We can use MySQL LEFT JOIN Multiple Tables.
- We can use LEFT JOIN with WHERE Clause.
- We can use MySQL LEFT JOIN with Group By Clause.
- We can use MySQL LEFT JOIN with USING Clause.

## MYSQL Syntax :

```
SELECT field_name1, field_name2, ....
FROM table1
LEFT JOIN table2
ON Join_Condition;
```



MySQL LEFT JOIN - Venn Diagram

## MYSQL Query Example :

```
SELECT s.stud_id,s.stud_name,m.maths,m.science FROM tblstudent s LEFT JOIN tblmarks m on
s.stud_id=m.stud_id
```

Left join Query

stud_id	stud_name	maths	science
1	manish patel	45	78
3	Raju modi	65	76
4	jacky jain	NULL	NULL

**Explain:**

- The tblstudent is the left table and tblmarks is the right table.
- Above LEFT JOIN clause query returns all records of table tblstudent even no matching records found from table tblmarks with null value.

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