

## Practical-7

### Aim Join Queries

- Inner Join

MySQL JOINS are used to retrieve data from multiple tables.

There are three types :

1. MySQL INNER JOIN
2. MySQL LEFT OUTER JOIN
3. MySQL RIGHT OUTER JOIN

Here we create two tables books (table1) and category (table2) respectively.

- Outer Join (LEFT and RIGHT Outer Join)

MySQL LEFT OUTER JOIN returns all rows from LEFT hand specified in the ON condition and those rows from the other table where the joined fields are equals.

Syntax :

```
SELECT columns  
FROM table1  
LEFT[OUTER] JOIN
```

table2

ON table1.column = table2.column;

MySQL RIGHT OUTER JOIN returns all rows from  
RIGHT hand specified in the ON condition and  
those rows from the other table where the joined  
fields are equals.

Syntax :

SELECT columns

FROM table1

RIGHT [OUTER] JOIN table2

ON table1.column = table2.column;