**Joins (Inner Join, Left Join, Right Join, Full Join and Self Join)**

1. The purpose of the Joins is to Join two tables while retrieving the records using the common column
2. The two tables should have a common column

Use on keyword to join the columns between two tables

1. Types of Joins:
   1. Inner Join (Equi Join or Simple Join) ## only the common records from the both columns will be retrieved
   2. Left Join (Left Outer Join) ## Here all the records from the left table and only common records between the left and right will be joined
   3. Right Join (Right Outer Join) ## Here all the records from the right table and only common records between the left and right will be joined
   4. Full Join (Full Outer Join) - Not supported by MySQL

## here all the records from both the tables will be joined

* 1. Self Join  ##  SELF JOIN is used to join a table to itself as if the table were two tables; temporarily renaming at least one table in the SQL statement.

1. Practical Demonstrations

select \* from bike

select \* from motorcycle

# inner join

select \* from bike e inner join motorcycle m on e.buying = m.buying

# left join

select \* from bike e left join motorcycle m on e.buying = m.buying

# right join

select \* from bike e right join motorcycle m on e.buying = m.buying

## full join

select \* from bike e full join motorcycle m on e.buying = m.buying ## not supported in mysql

## self join

select \* from bike e, bike b where e.class = b.persons