MySQL KEYS AND JOINS

* Constraints:
* Constraints are used to specify rules for the data in a table.
* This ensures the accuracy and reliability of the data in the table.
* Not null:
* The not null constraint enforces a column not to accept null values.
* Unique key:
* The unique constraint ensures that all values in a column are different.
* Does not allow duplicates.
* It accepts null values.
* Primary key:
* The primary key is a key that uniquely identifies each record in a table.
* Does not allow duplicates.
* Does not allow null values.
* Foreign key:
* The foreign key constraint is a key used to link two tables together.
* Foreign key is a field (or collection of fields) in one table, that refers to the [primary key](https://www.w3schools.com/mysql/mysql_primarykey.asp) in another table.

JOINS:

* Inner join:
* The inner join keyword selects records that have matching values in both tables. common elements are taken from both tables.
* Left join:
* It is also called left outer join.
* It takes all records from the left table and matching records from the right table.
* Right join:
* It is also called the right outer join.
* It takes all records from the right table and matches records from the left table.
* Full join:
* It returns all the unmatched records from both tables.