

1. INNER JOIN: selects records that have matching values in both tables.

LEFT (OUTER) JOIN: Returns all records from the left table, and the matched records from the right table.

RIGHT (OUTER) JOIN: Returns all records from the right table, and the matched records from the left table.

2. NULL means it does not have any value not even garbage value. ZERO is an integer value. BLANK is simply an empty String value.
3. A HAVING clause is like a WHERE clause, but applies only to groups as a whole (that is, to the rows in the result set representing groups), whereas the WHERE clause applies to individual rows.
4. The ORDER BY keyword is used to sort the result-set in ascending or descending order. The ORDER BY keyword sorts the records in ascending order by default. To sort the records in descending order, use the DESC keyword.
5. Tables are the basic data storage objects in a database. Views are virtual tables, pre-canned SELECTs. Stored procedures are programming objects returning a SELECT like result set and optionally output parameters.
6. A stored procedure is a prepared SQL code that you can save, so the code can be reused over and over again.
7. Auto-increment allows a unique number to be generated automatically when a new record is inserted into a table. Often this is the primary key field that we would like to be created automatically every time a new record is inserted.
8. SELECT DISTINCT returns only distinct (different) values.  
DISTINCT eliminates duplicate records from the table.  
DISTINCT can be used with aggregates: COUNT, AVG, MAX, etc.  
DISTINCT operates on a single column.
9. JSON\_QUERY (expression ,[Path Mode] JSON\_path)  
Expression: It is a JSON string or a variable holding JSON data  
JSON\_Path: It is the path of the object or an array from where we want to retrieve values  
Path mode: It controls the output of a JSON\_QUERY() function in case of an invalid JSON string using the LAX and Strict arguments
10. The LIKE operator is used in a WHERE clause to search for a specified pattern in a column.