# DBMS

1. Need for database

2. Basic Queries:

Select, Distinct, Where, And & Or, Order By, Insert Into, Update, Delete Injection, Select Top, Like, Wildcards, In. Between, Aliases

Joins, Inner Join, Left Join, Right Join, Full Join

Union, Select Into, Insert Into Select, Create 08, Create Table, Constraints, Not Null,

Unique

Primary Key, Foreign Key, Check, Default, Create Index.

Drop, Alter, Auto Increment, Views, Null Values, Group By, Having Functions, Null Functions

|  |  |
| --- | --- |
| SHOW TABLES | Graphical user interface, text, application  Description automatically generated |
| DESCRIBE table\_name | Graphical user interface, text  Description automatically generated |
| SELECT \* FROM  table\_name; |  |
| Selecting a column |  |
| SELECT DISTINCT  Removes duplicates | Without DISTINCT    With DISTINCT |
| WHERE  Filters records  SELECT column1,   column2, ... FROM table\_name WHERE condition; |  |
| AND & OR |  |
| AND, OR & NOT |  |
| ORDER BY |  |
| INSERT INTO Inserts new records |  |
| UPDATE  Modify records |  |
| DELETE |  |
| LIKE & WILDCARDS |  |
| ALIASES  Aliases are used to give a table, or a column in a table, a temporary name. |  |

3. Callable statement, Prepared Statement, stored procedure

4. Concept of normalization

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