Smart Programming : YouTube Channel

An investment in Knowledge pays the best interest….

SQL Queries

=> Database :-

➔ Database is a software which stores the data in an organized form.

➔ Database examples are : MySQL, Oracle, PostgreSQL, SQL Server etc

➔ Note : SQL is a query language which is used to manipulate database (SQL is not a database)

➔ Download : Download from "https://www.mysql.com/downloads/"

=> Type of SQL Commands :-

1. DDL (Data Defination Language) :- Create, Alter, Drop, Rename, Truncate, Comment
2. DML (Data Maniplulation Language) :- Insert, Delete, Update, Merge, Call
3. DQL (Data Query Language) :- Select
4. TCC (Transaction Control Commands) :- Commit, Rollback, Savepoint

5. DCL (Data Control Language) :- Alter password, Grant Access, Revoke Access etc
6. DAC (Data Administration Commands) :- Start Audit, Stop Audit etc

=> MySQL Commands :-

1. CREATE DATABASE datebase_name; (it will create new database)
2. SHOW DATABASES; (it will display all the databases)
3. DROP DATABASE database_name; (it will delete the provided database)
4. USE database_name; (it will select the provided database)

5. CREATE TABLE table_name(column_name data-type(size), column_name data-type(size), - , -); (it will create table with provided column names)
6. SHOW TABLES; (it will display all the tables in selected database)
7. DESC tablename; (it will display the table details)
8. ALTER TABLE tablename ADD column_name data-type(size); (it will add new column in the table)

9. ALTER TABLE tablename MODIFY COLUMN column_name data-type(size); (it will modify the column)

10. ALTER TABLE tablename DROP COLUMN column_name; (it will delete the provided column)

11. DROP TABLE tablename; (it will delete the table)

12. INSERT INTO tablename VALUES('-', '-', '-', '-', '-');

13. INSERT INTO tablename(column_name, column_name, column_name) VALUES('-', '-', '-');

14. SELECT * FROM tablename;

15. SELECT column_name, column_name FROM tablename;

16. SELECT * FROM tablename WHERE column_name='value';

17.   SELECT * FROM tablename WHERE column_name='value' AND/OR column_name='value';

18.   SELECT column_name, column_name FROM tablename WHERE column_name='value' AND/OR column_name='value';

19.   UPDATE tablename SET column_name='value', column_name='value' WHERE column_name='value';

20.   DELETE FROM tablename WHERE column_name='value';

Company Links & Contacts

Company Name: Smart Programming (+91 62838-30308)

Address : Chandigarh & Mohali (Punjab), India

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