

TASK-1

Description:

The intern will learn MYSQL SQL elements such as Literals, Datatypes, Nulls and Comments. Understand SQL syntax and structure.

Responsibility:

1. Introduction to Databases:

- Familiarize yourself with SQL syntax and Understand what a database is and its importance.

2. SQL Basics:

- Understand the role of SQL (Structured Query Language) in managing and manipulating databases.
structure.

3. Data Definition Language (DDL):

- Learn about creating and modifying database structures.
- **Key commands: CREATE, ALTER, DROP.**

SQL Basics

- **Objective:** Understand the role of SQL (Structured Query Language) in managing and manipulating databases and familiarize yourself with SQL syntax and structure.
- **Key Points:**
 - **Role of SQL:**
 - SQL as a standard language for interacting with relational databases.
 - SQL's ability to query, update, insert, and delete data.
 - **SQL Syntax and Structure:**
 - Basic SQL commands and structure (SELECT, INSERT, UPDATE, DELETE).
 - Importance of semicolons and case insensitivity in SQL statements.
 - Use of SQL comments for documentation (-- for single-line comments, /* */ for multi-line comments).

OUTPUTS:

```
mysql> use internship;
Database changed
mysql> select * from interns
--v
Empty set (0.01 sec)

mysql> CREATE TABLE internss
--v
(
--v id int PRIMARY KEY,
--v name VARCHAR(15),
--v ph_no VARCHAR(15),
--v email VARCHAR(30)
--v );
Query OK, 0 rows affected (0.05 sec)

mysql> INSERT INTO internss(id,name,ph_no,email) VALUES
--v (1,'praneeth','1234567890','abc@gmail.com'),
--v (2,'raghuram','0123456789','xyz@gmail.com'),
--v (3,'nagaraju','0123445489','def@gmail.com'),
--v (4,'anand','8520369741','uvw@gmail.com'),
--v (5,'pavan','9865471230','tyu@gmail.com');
Query OK, 5 rows affected (0.02 sec)
Records: 5 Duplicates: 0 Warnings: 0

mysql> select * from internss;
+----+-----+-----+-----+
| id | name   | ph_no | email                |
+----+-----+-----+-----+
| 1  | praneeth | 1234567890 | abc@gmail.com      |
| 2  | raghuram | 0123456789 | xyz@gmail.com      |
| 3  | nagaraju | 0123445489 | def@gmail.com      |
| 4  | anand    | 8520369741 | uvw@gmail.com      |
| 5  | pavan    | 9865471230 | tyu@gmail.com      |
+----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> ALTER TABLE Internss ADD collage_code VARCHAR(15);
Query OK, 0 rows affected (0.06 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> select * from internss;
+----+-----+-----+-----+-----+
| id | name   | ph_no | email                | collage_code |
+----+-----+-----+-----+-----+
| 1  | praneeth | 1234567890 | abc@gmail.com      | NULL        |
| 2  | raghuram | 0123456789 | xyz@gmail.com      | NULL        |
| 3  | nagaraju | 0123445489 | def@gmail.com      | NULL        |
| 4  | anand    | 8520369741 | uvw@gmail.com      | NULL        |
| 5  | pavan    | 9865471230 | tyu@gmail.com      | NULL        |
+----+-----+-----+-----+-----+
5 rows in set (0.00 sec)
```

```
mysql> SELECT * FROM internss WHERE id >= 3;      --litera
+----+-----+-----+-----+-----+
| id | name   | ph_no   | email           | collage_cod |
+----+-----+-----+-----+-----+
| 3  | nagaraju | 0123445489 | def@gmail.com | NULL        |
| 4  | anand   | 8520369741 | uvw@gmail.com  | NULL        |
| 5  | pavan   | 9865471230 | tyu@gmail.com  | NULL        |
+----+-----+-----+-----+-----+
3 rows in set (0.03 sec)
```

```
mysql> DROP TABLE internss;
Query OK, 0 rows affected (0.04 sec)

mysql> select * from internss;
ERROR 1146 (42S02): Table 'internship.internss' doesn't ex
mysql> |
```