

1. DDL – Data Definition Language

```
mysql> CREATE DATABASE APPFOLOIO;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> CREATE DATABASE a1;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> USE APPFOLOIO;
Database changed
mysql> CREATE TABLE users (user_id INT PRIMARY KEY, name VARCHAR(100), email VARCHAR(100) UNIQUE, role VARCHAR(20), portfolio_link VARCHAR(255));
Query OK, 0 rows affected (0.04 sec)

mysql> CREATE TABLE applications (app_id INT PRIMARY KEY, user_id INT, company VARCHAR(100), position VARCHAR(100), status VARCHAR(30), FOREIGN KEY (user_id)
REFERENCES users(user_id));
Query OK, 0 rows affected (0.05 sec)

mysql> SHOW TABLES;
+-----+
| Tables_in_appfoolio |
+-----+
| applications         |
| users                |
+-----+
2 rows in set (0.00 sec)
```

```
mysql> DESC applications;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| app_id | int  | NO   | PRI | NULL    |       |
| user_id | int  | YES  | MUL | NULL    |       |
| company | varchar(100) | YES |     | NULL    |       |
| position | varchar(100) | YES |     | NULL    |       |
| status | varchar(30) | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> DESC users;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| user_id | int  | NO   | PRI | NULL    |       |
| name | varchar(100) | YES |     | NULL    |       |
| email | varchar(100) | YES | UNI | NULL    |       |
| role | varchar(20) | YES |     | NULL    |       |
| portfolio_link | varchar(255) | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> ALTER TABLE applications ADD applied_date DATE;
Query OK, 0 rows affected (0.07 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> DESC applications;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| app_id | int  | NO   | PRI | NULL    |       |
| user_id | int  | YES  | MUL | NULL    |       |
| company | varchar(100) | YES |     | NULL    |       |
| position | varchar(100) | YES |     | NULL    |       |
| status | varchar(30) | YES |     | NULL    |       |
| applied_date | date | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)
```

```
mysql> ALTER TABLE users ADD phone VARCHAR(15);
Query OK, 0 rows affected (0.09 sec)
Records: 0 Duplicates: 0 Warnings: 0

mysql> DESC users;
+-----+-----+-----+-----+-----+-----+
| Field | Type | Null | Key | Default | Extra |
+-----+-----+-----+-----+-----+-----+
| user_id | int  | NO   | PRI | NULL    |       |
| name | varchar(100) | YES |     | NULL    |       |
| email | varchar(100) | YES | UNI | NULL    |       |
| role | varchar(20) | YES |     | NULL    |       |
| portfolio_link | varchar(255) | YES |     | NULL    |       |
| phone | varchar(15) | YES |     | NULL    |       |
+-----+-----+-----+-----+-----+-----+
6 rows in set (0.00 sec)

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

2. DML — Data Manipulation Language

(Insert, update, delete, retrieve data)

```
mysql> INSERT INTO users VALUES
-> (1, 'Ravi', 'ravi@gmail.com', 'student', 'ravi.dev', '9876543210');
Query OK, 1 row affected (0.02 sec)
```

```
mysql> INSERT INTO users VALUES(2, 'Ananya Sharma', 'ananya@gmail.com', 'student', 'https://ananya.dev', '9123456780');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO users VALUES (3,'Arjun Patel','arjun@gmail.com','student','https://arjun.dev','9988776655');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO users VALUES (4,'Neha Verma','neha@gmail.com','recruiter','https://neha.company.com','9012345678');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO users VALUES (5,'Admin User','admin@applyfolio.com','admin',NULL,'9000000000');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> DESC users;
```

Field	Type	Null	Key	Default	Extra
user_id	int	NO	PRI	NULL	
name	varchar(100)	YES		NULL	
email	varchar(100)	YES	UNI	NULL	
role	varchar(20)	YES		NULL	
portfolio_link	varchar(255)	YES		NULL	
phone	varchar(15)	YES		NULL	

6 rows in set (0.00 sec)

```
mysql> SELECT * FROM users;
```

user_id	name	email	role	portfolio_link	phone
1	Ravi	ravi@gmail.com	student	ravi.dev	9876543210
2	Ananya Sharma	ananya@gmail.com	student	https://ananya.dev	9123456780
3	Arjun Patel	arjun@gmail.com	student	https://arjun.dev	9988776655
4	Neha Verma	neha@gmail.com	recruiter	https://neha.company.com	9012345678
5	Admin User	admin@applyfolio.com	admin	NULL	9000000000

5 rows in set (0.00 sec)

```
mysql> INSERT INTO applications VALUES (101,1,'Google','Software Intern','Applied','2026-01-05');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO applications VALUES (102,2,'Microsoft','Cloud Intern','Applied','2026-01-06');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO applications VALUES (103,3,'Amazon','Backend Intern','Interview','2026-01-07');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> INSERT INTO applications VALUES (104,1,'Infosys','System Intern','Applied','2026-01-08');
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT * FROM applications;
```

app_id	user_id	company	position	status	applied_date
101	1	Google	Software Intern	Applied	2026-01-05
102	2	Microsoft	Cloud Intern	Applied	2026-01-06
103	3	Amazon	Backend Intern	Interview	2026-01-07
104	1	Infosys	System Intern	Applied	2026-01-08

4 rows in set (0.00 sec)

```
mysql> UPDATE applications SET status='Selected' WHERE app_id=101;
Query OK, 1 row affected (0.01 sec)
Rows matched: 1  Changed: 1  Warnings: 0
```

```
mysql> SELECT * FROM applications;
```

app_id	user_id	company	position	status	applied_date
101	1	Google	Software Intern	Selected	2026-01-05
102	2	Microsoft	Cloud Intern	Applied	2026-01-06
103	3	Amazon	Backend Intern	Interview	2026-01-07
104	1	Infosys	System Intern	Applied	2026-01-08

```
4 rows in set (0.00 sec)
```

```
mysql> DELETE FROM applications WHERE app_id=104;
Query OK, 1 row affected (0.01 sec)
```

```
mysql> SELECT * FROM applications;
```

app_id	user_id	company	position	status	applied_date
101	1	Google	Software Intern	Selected	2026-01-05
102	2	Microsoft	Cloud Intern	Applied	2026-01-06
103	3	Amazon	Backend Intern	Interview	2026-01-07

```
3 rows in set (0.00 sec)
```

```
mysql> SELECT name,email FROM users;
```

name	email
Ravi	ravi@gmail.com
Ananya Sharma	ananya@gmail.com
Arjun Patel	arjun@gmail.com
Neha Verma	neha@gmail.com
Admin User	admin@applyfolio.com

```
5 rows in set (0.00 sec)
```

```
mysql> SELECT company,position,status FROM applications WHERE user_id=1;
```

company	position	status
Google	Software Intern	Selected

```
1 row in set (0.00 sec)
```

3. DCL — Data Control Language

(Granting and Revoking permissions)

```
mysql> CREATE USER 'apply_user'@'localhost' IDENTIFIED BY 'apply123';
Query OK, 0 rows affected (0.06 sec)

mysql> GRANT SELECT, INSERT ON appfoloio.* TO 'apply_user'@'localhost';
Query OK, 0 rows affected (0.01 sec)

mysql> SHOW GRANTS FOR 'apply_user'@'localhost';
+-----+
| Grants for apply_user@localhost |
+-----+
| GRANT USAGE ON *.* TO `apply_user`@`localhost` |
| GRANT SELECT, INSERT ON `appfoloio`.* TO `apply_user`@`localhost` |
+-----+
2 rows in set (0.00 sec)

mysql> REVOKE INSERT ON appfoloio.* FROM 'apply_user'@'localhost';
Query OK, 0 rows affected (0.01 sec)

mysql> SHOW GRANTS FOR 'apply_user'@'localhost';
+-----+
| Grants for apply_user@localhost |
+-----+
| GRANT USAGE ON *.* TO `apply_user`@`localhost` |
| GRANT SELECT ON `appfoloio`.* TO `apply_user`@`localhost` |
+-----+
2 rows in set (0.00 sec)
```

4. TCL — Transaction Control Language

(Commit, Rollback, Savepoint)

```
mysql> START TRANSACTION;
Query OK, 0 rows affected (0.00 sec)

mysql> INSERT INTO applications VALUES (105,2,'TCS','Data Intern','Applied','2026-01-09');
Query OK, 1 row affected (0.00 sec)

mysql> SAVEPOINT s1;
Query OK, 0 rows affected (0.00 sec)

mysql> UPDATE applications SET status='Rejected' WHERE app_id=105;
Query OK, 1 row affected (0.00 sec)
Rows matched: 1 Changed: 1 Warnings: 0

mysql> ROLLBACK TO s1;
Query OK, 0 rows affected (0.00 sec)

mysql> COMMIT;
Query OK, 0 rows affected (0.01 sec)

mysql> SELECT * FROM applications;
+-----+-----+-----+-----+-----+-----+
| app_id | user_id | company | position | status | applied_date |
+-----+-----+-----+-----+-----+-----+
| 101 | 1 | Google | Software Intern | Selected | 2026-01-05 |
| 102 | 2 | Microsoft | Cloud Intern | Applied | 2026-01-06 |
| 103 | 3 | Amazon | Backend Intern | Interview | 2026-01-07 |
| 105 | 2 | TCS | Data Intern | Applied | 2026-01-09 |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> |
```

5. Constraints

```
mysql> Create table a1(id INT PRIMARY KEY,name VARCHAR(50));
Query OK, 0 rows affected (0.03 sec)

mysql> CREATE TABLE b1 (app_id INT PRIMARY KEY,user_id INT,FOREIGN KEY (user_id) REFERENCES users(user_id));
Query OK, 0 rows affected (0.07 sec)

mysql> CREATE TABLE c1_unique (email VARCHAR(100) UNIQUE);
Query OK, 0 rows affected (0.06 sec)

mysql> CREATE TABLE d1_notnull (name VARCHAR(50) NOT NULL);
Query OK, 0 rows affected (0.04 sec)

mysql> CREATE TABLE e1_check (age INT CHECK (age>=18));
Query OK, 0 rows affected (0.04 sec)

mysql> CREATE TABLE f1_default (status VARCHAR(20) DEFAULT 'Applied');
Query OK, 0 rows affected (0.03 sec)
```

6. Joins

```
mysql> SELECT u.name,a.company,a.position
-> FROM users u
-> INNER JOIN applications a
-> ON u.user_id = a.user_id;
+-----+-----+-----+
| name      | company | position |
+-----+-----+-----+
| Ravi      | Google  | Software Intern |
| Ananya Sharma | Microsoft | Cloud Intern |
| Ananya Sharma | TCS     | Data Intern |
| Arjun Patel | Amazon  | Backend Intern |
+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> SELECT u.name,a.company
-> FROM users u
-> LEFT JOIN applications a
-> ON u.user_id = a.user_id;
+-----+-----+
| name      | company |
+-----+-----+
| Ravi      | Google  |
| Ananya Sharma | Microsoft |
| Ananya Sharma | TCS     |
| Arjun Patel | Amazon  |
| Neha Verma | NULL    |
| Admin User | NULL    |
+-----+-----+
6 rows in set (0.01 sec)

mysql> SELECT u.name,a.company
-> FROM users u
-> RIGHT JOIN applications a
-> ON u.user_id = a.user_id;
+-----+-----+
| name      | company |
+-----+-----+
| Ravi      | Google  |
| Ananya Sharma | Microsoft |
| Arjun Patel | Amazon  |
| Ananya Sharma | TCS     |
+-----+-----+
4 rows in set (0.00 sec)

mysql> SELECT a.company,u.name
-> FROM users u
-> LEFT JOIN applications a
-> ON a.user_id = u.user_id;
+-----+-----+
| company | name |
+-----+-----+
| Google  | Ravi |
| Microsoft | Ananya Sharma |
| TCS     | Ananya Sharma |
| Amazon  | Arjun Patel |
| NULL    | Neha Verma |
| NULL    | Admin User |
+-----+-----+
6 rows in set (0.00 sec)
```

```
mysql> SELECT u.name,a.company
-> FROM users u
-> LEFT JOIN applications a
-> ON u.user_id = a.user_id
-> UNION
-> SELECT u.name,a.company
-> FROM users u
-> RIGHT JOIN applications a
-> ON u.user_id = a.user_id;
+-----+-----+
| name | company |
+-----+-----+
| Ravi | Google |
| Ananya Sharma | TCS |
| Ananya Sharma | Microsoft |
| Arjun Patel | Amazon |
| Neha Verma | NULL |
| Admin User | NULL |
+-----+-----+
6 rows in set (0.01 sec)

mysql> SELECT A.name,B.name
-> FROM users A, users B
-> WHERE A.user_id <> B.user_id;
+-----+-----+
| name | name |
+-----+-----+
| Admin User | Ravi |
| Neha Verma | Ravi |
| Arjun Patel | Ravi |
| Ananya Sharma | Ravi |
| Admin User | Ananya Sharma |
| Neha Verma | Ananya Sharma |
| Arjun Patel | Ananya Sharma |
| Ravi | Ananya Sharma |
| Admin User | Arjun Patel |
| Neha Verma | Arjun Patel |
| Ananya Sharma | Arjun Patel |
| Ravi | Arjun Patel |
| Admin User | Neha Verma |
| Arjun Patel | Neha Verma |
| Ananya Sharma | Neha Verma |
| Ravi | Neha Verma |
| Neha Verma | Admin User |
| Arjun Patel | Admin User |
| Ananya Sharma | Admin User |
| Ravi | Admin User |
+-----+-----+
20 rows in set (0.00 sec)
```

```
mysql> SELECT u.name,a.company
-> FROM users u
-> CROSS JOIN applications a;
+-----+-----+
| name | company |
+-----+-----+
| Admin User | Google |
| Neha Verma | Google |
| Arjun Patel | Google |
| Ananya Sharma | Google |
| Ravi | Google |
| Admin User | Microsoft |
| Neha Verma | Microsoft |
| Arjun Patel | Microsoft |
| Ananya Sharma | Microsoft |
| Ravi | Microsoft |
| Admin User | Amazon |
| Neha Verma | Amazon |
| Arjun Patel | Amazon |
| Ananya Sharma | Amazon |
| Ravi | Amazon |
| Admin User | TCS |
| Neha Verma | TCS |
| Arjun Patel | TCS |
| Ananya Sharma | TCS |
| Ravi | TCS |
+-----+-----+
20 rows in set (0.00 sec)
```

```
mysql> SELECT A.name,B.role
-> FROM users A, users B
-> WHERE A.user_id <> B.user_id;
+-----+-----+
| name | role |
+-----+-----+
| Admin User | student |
| Neha Verma | student |
| Arjun Patel | student |
| Ananya Sharma | student |
| Admin User | student |
| Neha Verma | student |
| Arjun Patel | student |
| Ravi | student |
| Admin User | student |
| Neha Verma | student |
| Ananya Sharma | student |
| Ravi | student |
| Admin User | recruiter |
| Arjun Patel | recruiter |
| Ananya Sharma | recruiter |
| Ravi | recruiter |
| Neha Verma | admin |
| Arjun Patel | admin |
| Ananya Sharma | admin |
| Ravi | admin |
+-----+-----+
20 rows in set (0.00 sec)
```

7. SQL CLAUSES

```
mysql> SELECT * FROM users WHERE role='student';
+-----+-----+-----+-----+-----+-----+
| user_id | name       | email           | role  | portfolio_link | phone      |
+-----+-----+-----+-----+-----+-----+
| 1       | Ravi       | ravi@gmail.com  | student | ravi.dev       | 9876543210 |
| 2       | Ananya Sharma | ananya@gmail.com | student | https://ananya.dev | 9123456780 |
| 3       | Arjun Patel | arjun@gmail.com  | student | https://arjun.dev  | 9988776655 |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> SELECT * FROM users ORDER BY name;
+-----+-----+-----+-----+-----+-----+
| user_id | name       | email           | role  | portfolio_link | phone      |
+-----+-----+-----+-----+-----+-----+
| 5       | Admin User | admin@applyfolio.com | admin | NULL           | 9000000000 |
| 2       | Ananya Sharma | ananya@gmail.com | student | https://ananya.dev | 9123456780 |
| 3       | Arjun Patel | arjun@gmail.com  | student | https://arjun.dev  | 9988776655 |
| 4       | Meha Verma | meha@gmail.com   | recruiter | https://neha.company.com | 9012345678 |
| 1       | Ravi       | ravi@gmail.com  | student | ravi.dev       | 9876543210 |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> SELECT * FROM users ORDER BY name DESC;
+-----+-----+-----+-----+-----+-----+
| user_id | name       | email           | role  | portfolio_link | phone      |
+-----+-----+-----+-----+-----+-----+
| 1       | Ravi       | ravi@gmail.com  | student | ravi.dev       | 9876543210 |
| 4       | Meha Verma | meha@gmail.com   | recruiter | https://neha.company.com | 9012345678 |
| 3       | Arjun Patel | arjun@gmail.com  | student | https://arjun.dev  | 9988776655 |
| 2       | Ananya Sharma | ananya@gmail.com | student | https://ananya.dev | 9123456780 |
| 5       | Admin User | admin@applyfolio.com | admin | NULL           | 9000000000 |
+-----+-----+-----+-----+-----+-----+
5 rows in set (0.00 sec)

mysql> SELECT role,COUNT(*) FROM users GROUP BY role;
+-----+-----+
| role  | COUNT(*) |
+-----+-----+
| student | 3       |
| recruiter | 1      |
| admin  | 1       |
+-----+-----+
3 rows in set (0.00 sec)

mysql> SELECT role,COUNT(*) FROM users GROUP BY role HAVING COUNT(*)>1;
+-----+-----+
| role  | COUNT(*) |
+-----+-----+
| student | 3       |
+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT DISTINCT role FROM users;
+-----+
| role  |
+-----+
| student |
| recruiter |
| admin  |
+-----+
3 rows in set (0.00 sec)

mysql> SELECT * FROM users LIMIT 3;
+-----+-----+-----+-----+-----+-----+
| user_id | name       | email           | role  | portfolio_link | phone      |
+-----+-----+-----+-----+-----+-----+
| 1       | Ravi       | ravi@gmail.com  | student | ravi.dev       | 9876543210 |
| 2       | Ananya Sharma | ananya@gmail.com | student | https://ananya.dev | 9123456780 |
| 3       | Arjun Patel | arjun@gmail.com  | student | https://arjun.dev  | 9988776655 |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> SELECT * FROM applications WHERE app_id BETWEEN 101 AND 103;
+-----+-----+-----+-----+-----+-----+
| app_id | user_id | company | position | status | applied_date |
+-----+-----+-----+-----+-----+-----+
| 101    | 1       | Google  | Software Intern | Selected | 2026-01-05 |
| 102    | 2       | Microsoft | Cloud Intern | Applied | 2026-01-06 |
| 103    | 3       | Amazon  | Backend Intern | Interview | 2026-01-07 |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> SELECT * FROM users WHERE role IN ('student','admin');
+-----+-----+-----+-----+-----+-----+
| user_id | name       | email           | role  | portfolio_link | phone      |
+-----+-----+-----+-----+-----+-----+
| 1       | Ravi       | ravi@gmail.com  | student | ravi.dev       | 9876543210 |
| 2       | Ananya Sharma | ananya@gmail.com | student | https://ananya.dev | 9123456780 |
| 3       | Arjun Patel | arjun@gmail.com  | student | https://arjun.dev  | 9988776655 |
| 5       | Admin User | admin@applyfolio.com | admin | NULL           | 9000000000 |
+-----+-----+-----+-----+-----+-----+
4 rows in set (0.00 sec)

mysql> SELECT * FROM users WHERE name LIKE 'A%';
+-----+-----+-----+-----+-----+-----+
| user_id | name       | email           | role  | portfolio_link | phone      |
+-----+-----+-----+-----+-----+-----+
| 2       | Ananya Sharma | ananya@gmail.com | student | https://ananya.dev | 9123456780 |
| 3       | Arjun Patel | arjun@gmail.com  | student | https://arjun.dev  | 9988776655 |
| 5       | Admin User | admin@applyfolio.com | admin | NULL           | 9000000000 |
+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> SELECT * FROM users WHERE portfolio_link IS NULL;
+-----+-----+-----+-----+-----+-----+
| user_id | name       | email           | role  | portfolio_link | phone      |
+-----+-----+-----+-----+-----+-----+
| 5       | Admin User | admin@applyfolio.com | admin | NULL           | 9000000000 |
+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)
```

```
mysql> SELECT COUNT(*) FROM users;
```

```
+-----+  
| COUNT(*) |  
+-----+  
|          5 |  
+-----+
```

1 row in set (0.00 sec)

```
mysql> SELECT phone, IF(CHAR_LENGTH(phone)=10,'VALID','INVALID') AS phone_status FROM users;
```

```
+-----+-----+  
| phone | phone_status |  
+-----+-----+  
| 9876543210 | VALID |  
| 9123456780 | VALID |  
| 9988776655 | VALID |  
| 9012345678 | VALID |  
| 9000000000 | VALID |  
+-----+-----+
```

5 rows in set (0.17 sec)

```
mysql> SELECT * FROM users WHERE CHAR_LENGTH(phone)=10;
```

```
+-----+-----+-----+-----+-----+-----+  
| user_id | name | email | role | portfolio_link | phone |  
+-----+-----+-----+-----+-----+-----+  
| 1 | Ravi | ravi@gmail.com | student | ravi.dev | 9876543210 |  
| 2 | Ananya Sharma | ananya@gmail.com | student | https://ananya.dev | 9123456780 |  
| 3 | Arjun Patel | arjun@gmail.com | student | https://arjun.dev | 9988776655 |  
| 4 | Neha Verma | neha@gmail.com | recruiter | https://neha.company.com | 9012345678 |  
| 5 | Admin User | admin@applyfolio.com | admin | NULL | 9000000000 |  
+-----+-----+-----+-----+-----+-----+
```

5 rows in set (0.01 sec)

```
mysql> \c
```

```
mysql> DELIMITER //
```

```
mysql> CREATE FUNCTION check_phone(phone_no VARCHAR(15))
```

```
-> RETURNS VARCHAR(10)
```

```
-> DETERMINISTIC
```

```
-> BEGIN
```

```
-> IF CHAR_LENGTH(phone_no)=10 THEN
```

```
-> RETURN 'VALID';
```

```
-> ELSE
```

```
-> RETURN 'INVALID';
```

```
-> END IF;
```

```
-> END//
```

Query OK, 0 rows affected (0.10 sec)

```
mysql> DELIMITER ;
```

```
mysql> SELECT name,phone,check_phone(phone) AS phone_status FROM users;
```

```
+-----+-----+-----+  
| name | phone | phone_status |  
+-----+-----+-----+  
| Ravi | 9876543210 | VALID |  
| Ananya Sharma | 9123456780 | VALID |  
| Arjun Patel | 9988776655 | VALID |  
| Neha Verma | 9012345678 | VALID |  
| Admin User | 9000000000 | VALID |  
+-----+-----+-----+
```

5 rows in set (0.02 sec)

```
mysql> INSERT INTO users VALUES (6,'Test User','test@gmail.com','student','test.dev','9876543210');
```

Query OK, 1 row affected (0.03 sec)

```
mysql> SHOW TRIGGERS;
```

Empty set (0.05 sec)