

```
-- show all post of a users view
```

```
mysql> CREATE VIEW allpost AS
-> SELECT user_id,post_id,visibility,posted_on FROM users JOIN post on postedBy_id=user_id ORDER BY user_id;
Query OK, 0 rows affected (0.01 sec)

mysql> SELECT * FROM allpost ;
+-----+-----+-----+-----+
| user_id | post_id | visibility | posted_on |
+-----+-----+-----+-----+
| 1 | 1 | public | 2022-05-01 19:08:56 |
| 1 | 5 | private | 2022-05-01 19:08:56 |
| 1 | 7 | public | 2022-05-01 19:08:56 |
| 2 | 2 | public | 2022-05-01 19:08:56 |
| 3 | 3 | public | 2022-05-01 19:08:56 |
| 3 | 4 | private | 2022-05-01 19:08:56 |
| 5 | 6 | public | 2022-05-01 19:08:56 |
+-----+-----+-----+-----+
7 rows in set (0.00 sec)
```

```
-- all reports by users
```

```
mysql> CREATE VIEW all_reports AS
-> SELECT * FROM users JOIN report on reportedBy=user_id ORDER BY user_id;
Query OK, 0 rows affected (0.01 sec)

mysql> SELECT * FROM all_reports ;
+-----+-----+-----+-----+-----+-----+-----+
| user_id | email | phone | post_id | reportedBy | report_type | discription |
+-----+-----+-----+-----+-----+-----+-----+
| 1 | a@mail.com | 917707909733 | 2 | 1 | harassment | asdfghjklhgftdsdrftghcgggfgfxg |
| 2 | b@mail.com | 917707903397 | 1 | 2 | Spam | asdfghjklhgftdsdrftghcgggfgfxg |
+-----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.01 sec)

mysql> |
```

```
-- from profile name to user id fn/procedure
```

```
mysql>
mysql> DELIMITER //
mysql> CREATE PROCEDURE finduserid ( username VARCHAR(20))
    -> BEGIN
    -> SELECT * FROM profile WHERE user_name=username;
    -> END //
Query OK, 0 rows affected (0.01 sec)

mysql> DELIMITER ;
mysql> CALL finduserid('a');
+-----+-----+-----+-----+
| user_name | DOB          | bio  | profile_id |
+-----+-----+-----+-----+
| a         | 2012-07-12  | abcd | 1          |
+-----+-----+-----+-----+
1 row in set (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

mysql> |
```

```
-- visibility of a post form user fn
```

```
mysql> DELIMITER //
mysql> CREATE PROCEDURE userpost ( user_id INTEGER ,postid INTEGER)
    -> BEGIN
    -> SELECT * FROM post WHERE postedBy_id=user_id AND postid=post.post_id ORDER BY post_id;
    -> END //
Query OK, 0 rows affected (0.00 sec)

mysql> DELIMITER ;
mysql> call userpost (1,7);
+-----+-----+-----+-----+-----+
| post_id | post_type | visibility | postedBy_id | posted_on          |
+-----+-----+-----+-----+-----+
| 7       | img      | public    | 1           | 2022-05-01 19:08:56 |
+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

Query OK, 0 rows affected (0.01 sec)

mysql> |
```

```
--show all intrest of a given user
```

```
mysql> DELIMITER //
mysql> CREATE PROCEDURE intrestedin (userid INTEGER )
-> BEGIN
->     SELECT * FROM intrest WHERE user_id=userid;
-> END//
Query OK, 0 rows affected (0.00 sec)

mysql> DELIMITER ;
mysql> CALL intrestedin(1);
+-----+-----+
| intrestedin | user_id |
+-----+-----+
| cat         | 1       |
| fish        | 1       |
+-----+-----+
2 rows in set (0.00 sec)

Query OK, 0 rows affected (0.01 sec)
```

```
-- block list
```

```
mysql> DELIMITER //
mysql> CREATE PROCEDURE blockelist(userid INTEGER )
-> BEGIN
->     SELECT usid AS 'user id' ,blockedby FROM blocklist WHERE blockedBy=userid ;
-> END//
Query OK, 0 rows affected (0.00 sec)

mysql> DELIMITER ;
mysql> call blockelist(2);
+-----+-----+
| user id | blockedby |
+-----+-----+
| 1       | 2         |
+-----+-----+
1 row in set (0.00 sec)

Query OK, 0 rows affected (0.00 sec)

mysql> |
```

```
-- group size fn
```

```
mysql> DELIMITER //
mysql> CREATE FUNCTION groupsize ( groupid INTEGER )
  -> RETURNS INT NOT DETERMINISTIC
  -> BEGIN
  ->     DECLARE i Integer DEFAULT 0;
  ->     SELECT COUNT(*) INTO i FROM members where  Gid=groupid;
  ->     RETURN i;
  -> END//
Query OK, 0 rows affected (0.00 sec)
```

```
mysql> DELIMITER ;
mysql> SELECT groupsize(1);
+-----+
| groupsize(1) |
+-----+
|             2 |
+-----+
1 row in set (0.00 sec)
```

```
-- addfriend fn
```

```
mysql> DELIMITER //
mysql>
mysql> CREATE FUNCTION addfriend(userid INTEGER,urer2 INTEGER)
-> RETURNS varchar(12) NOT DETERMINISTIC
-> BEGIN
->     INSERT INTO friends ( fk_user,friend ) VALUES(
->     userid,urer2
->     );
->     INSERT INTO friends ( fk_user,friend ) VALUES(
->     urer2,userid
->     );
->     RETURN "done";
-> END//
```

Query OK, 0 rows affected (0.00 sec)

```
mysql> DELIMITER ;
mysql> SELECT addfriend( 1,3);
```

```
+-----+
| addfriend( 1,3) |
+-----+
| done            |
+-----+
```

1 row in set (0.01 sec)

```
mysql> SELECT * FROM friends;
```

```
+-----+-----+
| friend | fk_user |
+-----+-----+
|      3 |      1 |
|      1 |      3 |
+-----+-----+
```

2 rows in set (0.00 sec)

```
mysql> |
```

```
-- check friends
```

```

mysql> DELIMITER //
mysql> CREATE FUNCTION CHECKfriends(user1 INTEGER,user2 INTEGER)
-> RETURNS VARCHAR(12) NOT DETERMINISTIC
-> BEGIN
->     DECLARE i INT;
->     DECLARE j INT;
->     SELECT COUNT(*) INTO i FROM friends WHERE fk_user = user1 AND friend = user2;
->     SELECT COUNT(*) INTO j FROM friends WHERE fk_user = user2 AND friend = user1;
->     IF ( i=j AND i>0)
->     THEN
->         RETURN "true";
->     ELSE
->         RETURN "false";
->     END IF;
-> END//
Query OK, 0 rows affected (0.00 sec)

mysql> DELIMITER ;
mysql> SELECT CHECKfriends(1,5);
+-----+
| CHECKfriends(1,5) |
+-----+
| false             |
+-----+
1 row in set (0.00 sec)

```