# Database Assignment-3

**Note : user_id ,tweet_id will be variable ,respective for whom we are querying .**

1.Fetch all users name from database.

**SQL : SELECT Name FROM Users;**

2.Fetch all tweets of a user by user ID, most recent tweets first:

**SQL : SELECT * FROM Tweets WHERE UserID = {user_id} ORDER BY CreatedAt DESC;**

3.Fetch like count of a particular tweet by tweet ID:

**SQL : SELECT COUNT(*) AS LikeCount FROM Likes WHERE TweetID = {tweet_id};**

4.Fetch retweet count of particular tweet by tweet id.

**SQL : SELECT COUNT(*) AS RetweetCount FROM Retweets WHERE TweetID = {tweet_id};**

5.Fetch comment count of particular tweet by tweet id.

**SQL : SELECT COUNT(*) AS CommentCount FROM Tweets WHERE CommentOfTweetID = {tweet_id};**

6.Fetch all user's name who have retweeted particular tweet by tweet id.

**SQL : SELECT u.Name FROM Users u JOIN Retweets r ON u.UserID = r.UserID WHERE r.TweetID = {tweet_id};**

7.Fetch all commented tweet's content for particular tweet by tweet id.

**SQL : SELECT Tweets.Content FROM Tweets WHERE CommentOfTweetID= {tweet_id};**

8.Fetch user's timeline (All tweets from users whom I am following with tweet content and user name who has tweeted it)

**SQL: SELECT t.Content, u.Name FROM Tweets t INNER JOIN Users u ON t.UserID = u.UserID WHERE t.UserID IN (SELECT FolloweeID FROM Follows WHERE FollowerID = {person_userid_for_usertimeline}) ORDER BY t.CreatedAt DESC;**

# Database Assignment-3