**1) Fetch all users name from database.**

SELECT **Name** FROMUser**;**

**2) Fetch all tweets of user by user id most recent tweets first.**

**SELECT TweetID, Content, Timestamp  
    FROM Tweet  
    WHERE UserID = {user\_id} -- Replace {user\_id} with the actual user ID  
    ORDER BY Timestamp DESC;**

**3) Fetch like count of particular tweet by tweet id.**

**SELECT COUNT(\*) AS LikeCount  
    FROM Like  
    WHERE TweetID = {tweet\_id}; -- Replace {tweet\_id} with the actual tweet ID**

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

**SELECT COUNT(\*) AS RetweetCount  
    FROM Retweet  
    WHERE OriginalTweetID = {tweet\_id}; -- Replace {tweet\_id} with the actual tweet ID**

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

**SELECT COUNT(\*) AS CommentCount  
    FROM Retweet  
    WHERE OriginalTweetID = {tweet\_id} AND Content IS NOT NULL; -- Replace {tweet\_id} with the actual tweet ID**

**6) Fetch all user’s name who have retweeted particular tweet by tweet id.**

**SELECT User.Name  
    FROM User  
    JOIN Retweet ON User.UserID = Retweet.UserID  
    WHERE Retweet.OriginalTweetID = {tweet\_id}; -- Replace {tweet\_id} with the actual tweet ID**

**7) Fetch all commented tweet’s content for particular tweet by tweet id.**

**SELECT Retweet.Content AS CommentedTweetContent  
    FROM Retweet  
    WHERE OriginalTweetID = {tweet\_id} AND Content IS NOT NULL; -- Replace {tweet\_id} with the actual 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)**

**SELECT Tweet.Content AS TweetContent, User.Name AS UserName  
    FROM Tweet  
    JOIN Follow ON Tweet.UserID = Follow.FollowingUserID  
    JOIN User ON Tweet.UserID = User.UserID  
    WHERE Follow.FollowerUserID = {user\_id} -- Replace {user\_id} with the actual userID  
 ORDER BY Tweet.Timestamp DESC;**