* Fetch all users name from database.

SELECT Name FROM User;

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

SELECT \* FROM Tweet

WHERE UserID = [UserID]

ORDER BY Timestamp DESC;

* Fetch like count of particular tweet by tweet id.

SELECT COUNT(\*) FROM Like

WHERE TweetID = [TweetID];

* Fetch retweet count of particular tweet by tweet id.

SELECT COUNT(\*) FROM Retweet

WHERE OriginalTweetID = [OriginalTweetID];

* Fetch comment count of particular tweet by tweet id.

SELECT COUNT(\*) FROM Tweet

WHERE Parent\_tweet\_id = [Parent\_tweet\_id];

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

SELECT User.Name

FROM Retweet

JOIN User ON Retweet.UserID = User.UserID

WHERE OriginalTweetID = :TweetID;

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

SELECT Content

FROM Tweet

WHERE Parent\_tweet\_id = :Parent\_tweet\_id;

* 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, User.Name

FROM Tweet

JOIN User ON Tweet.UserID = User.UserID

JOIN Follows ON Follows.FollowedUserID = User.UserID

WHERE Follows.FollowerID = :UserID

ORDER BY Tweet.Timestamp DESC;