

Q.1) Fetch all users name from database.

Ans- `SELECT Name FROM Users;`

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

Ans- `SELECT Content, Created_At FROM Tweets WHERE UserID = 1 ORDER BY Created_At DESC;`

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

Ans- `SELECT COUNT(*) AS Count_Like FROM Likes WHERE TweetID = 1;`

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

Ans- `SELECT COUNT(*) AS Count_Retweet FROM Retweets WHERE OriginalTweetID = 1;`

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

Ans- `SELECT COUNT(*) AS Count_Comment FROM Tweets WHERE NewTweetID = 2;`

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

Ans- `SELECT U.Name FROM Retweets R JOIN Users U ON R.UserID = U.UserID WHERE R.OriginalTweetID = 1;`

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

Ans- `SELECT T.Content AS CommentContent FROM Tweets T WHERE T.NewTweetID = 2;`

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

Ans- `SELECT T.Content AS TweetContent, U.Name AS UserName`

`FROM Tweets T`

`JOIN Users U ON T.UserID = U.UserID`

`WHERE T.UserID IN (`

`SELECT FollowingUserID`

`FROM Follows`

`WHERE FollowerUserID = 2`

`)`

`ORDER BY T.Created_At DESC;`