

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 * FROM Tweets WHERE UserId = 1 ORDER BY timestamp DESC;`

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

Ans- `SELECT COUNT(*) AS LikeCount FROM Likes WHERE TweetID = 11;`

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

Ans- `SELECT COUNT(*) AS RetweetCount FROM Retweets WHERE OriginalTweetID = 11;`

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

Ans- `SELECT COUNT(*) AS CommentCount FROM Tweets WHERE OriginalTweetId = 12 AND is_comment = TRUE;`

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

Ans- `SELECT Users.name FROM Users JOIN Retweets ON Users.UserId = Retweets.UserID WHERE Retweets.OriginalTweetID = 11;`

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

Ans- `SELECT Tweets.content AS CommentContent FROM Tweets WHERE Tweets.OriginalTweetId = 12 AND Tweets.is_comment = TRUE;`

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 Tweets.content, Users.name AS UserName FROM Tweets JOIN Users ON Tweets.UserId = Users.UserId JOIN Followers ON Users.UserId = Followers.FollowingUserID WHERE Followers.FollowerUserID = 2 ORDER BY Tweets.timestamp DESC;`