

## ASSIGNMENT-3

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

Ans : select name from User;

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

Ans : select \* from Tweet where user\_id = {any user id} order by created\_at desc;

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

Ans : select count(\*) as like\_count from Like where tweet\_id = {any tweet\_id};

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

Ans : select count(\*) as retweet\_count from Retweet where tweet\_id = {any tweet\_id};

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

Ans : select count(\*) as total\_comment from Tweet where comment\_of = {tweet\_id};

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

Ans :select u.name from User u join Retweet r on u.user\_id = r.user\_id where r.tweet\_id = {any tweet\_id};

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

Ans : select Tweet.content from Tweet where comment\_of = {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)**

Ans : select t.content, u.name from Tweet INNER JOIN User u ON t.user\_id = u.user\_id where t.user\_id IN (select followee\_id from user\_follower where follower\_id = {user\_id }) ORDER BY t.time Desc;