# Twitter Set 98

Question 1: Find the number of weakly connected components in the given database based on the 'FOLLOWS' relationship between users.Return the number as 'componentCount'.

Enter answer query as text:

Screenshot of query output:

Question 2: List the user who follows maximum number of other users, return the user's name as 'user\_name' and his following count as 'following'.

Enter answer query as text:

Screenshot of query output:

Question 3: Find the user with the maximum followers using FOLLOWS relationship, return the user name as 'user\_name' along with his follower count as 'no\_of\_followers'.

Enter answer query as text:

Screenshot of query output:

Question 4: Find the top 3 most favourited links. Return the url as 'url' and favourites as 'favourites' by descending order of favourites.

Enter answer query as text:

Screenshot of query output:

Question 5: On an average, how many followers are there for a user? Return the count as avg\_followers\_per\_user.

Enter answer query as text:

Screenshot of query output:

Question 6: List 5 users in alphabetical order belonging to the largest weakly connected component in terms of size for 'FOLLOWS' relationship between users. Return user name as 'UserName' and component id as 'WccId'.

Enter answer query as text:

Screenshot of query output:

Question 7: Find the number of strongly connected components in the given database, the number of users of a minimum-sized component and the number of users in a maximum-sized component based on the 'FOLLOWS' relationship between users. There are multiple strongly connected components in the database. Return the number as 'setCount', users in minimum component as 'minSetSize', and users in maximum component as 'maxSetSize'.

Enter answer query as text:

Screenshot of query output:

Question 8: Identify a tweet that has propagated widely through the network, connecting with a diverse set of users and hashtags through MENTIONS, RETWEETS and TAGS. (Hint: the tweet will have the highest number of incoming edges of MENTIONS, RETWEETS and TAGS). Return the tweet id as 'ViralTweet'.

Enter answer query as text:

Screenshot of query output:

Question 9: Identify the most influential user(s) on Twitter (extent of how influential a user is, is directly proportional to how many tweets they post,'POSTS', and how many hashtags the tweets contain,'TAGS'). Return the user name as userName.

Enter answer query as text:

Screenshot of query output:

Question 10: List the distinct hashtags, as the column name 'tag', for the tweet containing the text 'java'.

Enter answer query as text:

Screenshot of query output: