# Twitter Set 20

Question 1: What is the minimum node similarity score of tweets based on its 'CONTAINS' relationship. Return the value as 'similarity'.

Enter answer query as text:

Screenshot of query output:

Question 2: List the the user(s) with 5 tweets (Twitter posts), ordered alphabetically by username. Return the user names under 'userName'.

Enter answer query as text:

Screenshot of query output:

Question 3: 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 4: Find the top 10 trending hashtags across all users. Return the hashtag names under 'hname' and it's count as 'no\_of\_tweets'.

Enter answer query as text:

Screenshot of query output:

Question 5: What is the minimum node similarity score of tweets based on its 'TAGS'. Return the value as 'similarity'.

Enter answer query as text:

Screenshot of query output:

Question 6: 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 7: 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:

Question 8: Find the diameter of the subgraph where the relationship considered is : User- [Posts] -> Tweet -[Tags]->Hashtag. Return the diameter under the column name 'diameter'.

Enter answer query as text:

Screenshot of query output:

Question 9: Find the 5 most influential tweets in terms of eign vector centrality by considering the REPLY\_TO and RETWEETS relationships, return tweet id as 'tid' and tweet's centrality value as 'centrality'.

Enter answer query as text:

Screenshot of query output:

Question 10: 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: