# Twitter Set 25

Question 1: 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 2: Return score of the 5 topmost retweeted and replied to tweets, based on betweenness centrality, return the tweet id as 'id' and it's score as 'betweenness'.

Enter answer query as text:

Screenshot of query output:

Question 3: Find the most influential user based on eign vector centrality, considering 'FOLLOWS' relationship, return user's name as 'user\_name' and user's centrality value as 'centrality\_score'.

Enter answer query as text:

Screenshot of query output:

Question 4: How many users have zero or undefined followers? Return the count as 'count'.

Enter answer query as text:

Screenshot of query output:

Question 5: 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 6: Name a user who doesn't follow anyone who follows him/her or is not followed by anyone who he/she follows and belongs to the location 'Jezero Crater, Mars'. Return the user name as 'UserName', component id as 'ComponentId', location as 'Location'.

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: 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: Provide the names of 5 users alphabetically of a strongly connected component of size 5, based on 'FOLLOWS' relationship.

Enter answer query as text:

Screenshot of query output:

Question 10: 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: