# Twitter Set 75

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: Find the number of weakly connected components in the given database based on the 'RETWEETS' relationship between tweets. Return the number as 'componentCount'.

Enter answer query as text:

Screenshot of query output:

Question 3: How many users have non zero followers? Return the count as 'user\_count'.

Enter answer query as text:

Screenshot of query output:

Question 4: 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 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: List the tags that co-occurs with the tag name 'podcast', and it's frequency(the number of questions it co-occurs with) ordered by frequency in descending order. Return tag name as 'tag\_name', frequency as 'freq'.

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

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: