# Stack Overflow Set 161

Question 1: Return the degree distributions of the top 20 most tagged topics. Return tag name as 'tag' and degree of that particular tag as 'degree' ordered by degree in non increasing order.

Enter answer query as text:

Screenshot of query output:

Question 2: How many questions have been left unanswered? Return the count as 'count'

Enter answer query as text:

Screenshot of query output:

Question 3: List the top 5 most popular tags and their count ' with respect to the number of questions that tag them. Return the tagname as “tag\_name” and count of tags as “count” ordered by count in non increasing order

Enter answer query as text:

Screenshot of query output:

Question 4: What are the least similar questions based on its TAGGED relationship? Return question titles as 'q1' and 'q2' and its node similarity score as 'similarity'.

Enter answer query as text:

Screenshot of query output:

Question 5: Which question has the maximum views?Return the question title as 'question\_title' , number of views on that particular question as 'view\_count' .

Enter answer query as text:

Screenshot of query output:

Question 6: Create a virtual relationship between the tag with tag name 'ruby' and it's co-occurring tags using APOC library. The virtual relationship created should have the type 'SIMILAR' ([:SIMILAR]) and property 'freq' equal to the number of times the tag has co-occurred in questions with the tag named 'ruby'. The screenshot of the graph is expected.

Enter answer query as text:

Screenshot of query output:

Question 7: Run a Louvain community detection algorithm to identify communities within the dataset, using all nodes and all relationships, and return the count of total detected communities as 'communityCount'

Enter answer query as text:

Screenshot of query output:

Question 8: Consider a user who has commented on and provided the answer to his/her own question. How many such distinct questions exist? Return the question count as 'count'.

Enter answer query as text:

Screenshot of query output:

Question 9: Run a Louvain community detection algorithm to identify communities within the dataset, using all nodes and all relationships, and return the community id of the node whose property name is 'pearson' as 'communityId'

Enter answer query as text:

Screenshot of query output:

Question 10: Consider a user who has commented on and provided the answer to his/her own question. How many such comments exist? Note that a user may have left multiple comments on the question he asked and answered. Return the comment count as 'count'.

Enter answer query as text:

Screenshot of query output: