# Stack Overflow Set 149

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: 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 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 is the maximum number of tags a question can belong to? Return the question title of that particular question with maximum tags as 'title' and the count of maximum tags as 'tag\_count'

Enter answer query as text:

Screenshot of query output:

Question 5: Discover the most influential programming language or technology tag in the community along with its page rank score, based on the incoming relationships and the importance of the corresponding source nodes. Return tag name as 'Tag' and pagerank score of the tag as 'score'.

Enter answer query as text:

Screenshot of query output:

Question 6: List the tag that co-occurs with the tag name 'java', and has the highest frequency(the number of questions it co-occurs with) Return the tag name as 'tag\_name', frequency as 'freq'

Enter answer query as text:

Screenshot of query output:

Question 7: Using Jaccard's method, compute the similarity of all tags based on the question they were TAGGED to and return the URLs of the least similar pair of tags and their score. Return tag 1's url as 't1' and tag 2's url as 't2' and Jaccard similarity score as 'score'.

Enter answer query as text:

Screenshot of query output:

Question 8: How many distinct users have COMMENTED on their own ASKED question? Return the users count as 'count'.

Enter answer query as text:

Screenshot of query output:

Question 9: How many questions have no accepted answer? Return the question count as 'question\_count'.

Enter answer query as text:

Screenshot of query output:

Question 10: 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: