# Stack Overflow Set 182

Question 1: 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 2: Find the degree distributions of the tags co-occurring with tag name 'ruby' (limit to 10), in descending order of frequency. Return tag name as 'tag\_name' , their frequency as 'freq' and their degree as 'degree' .

Enter answer query as text:

Screenshot of query output:

Question 3: How many users have not asked any question on stack overflow? Return the users count as 'count'

Enter answer query as text:

Screenshot of query output:

Question 4: How many questions have been viewed more than a hundred times and still been left unanswered? Return the question count as 'questionCount'.

Enter answer query as text:

Screenshot of query output:

Question 5: 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 6: Find the most influential tag based on page rank score, using 'TAGGED' relationship, or are all tags influential? Explain your answer, and return the score of the most influential tag(s) as 'score'

Enter answer query as text:

Screenshot of query output:

Question 7: List the top 5 most active users in terms of commenting on questions. Return the user name as 'UserName' and count of commented questions as 'CommentedQuestions' ordered by the count of commented questions in non increasing order.

Enter answer query as text:

Screenshot of query output:

Question 8: How many distinct users have ASKED and PROVIDED answers to their own question? Return the users count as 'count'.

Enter answer query as text:

Screenshot of query output:

Question 9: 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 10: 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: