/\*Q1 First 10 rows\*/;

SELECT \*

FROM users

LIMIT 10;

SELECT \*

FROM posts

LIMIT 10;

SELECT \*

FROM subreddits

LIMIT 10;

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/\*Q2 What is the primary key?\*/

/\*id\*/;

/\*Q3 Write a query to count how many different subreddits there are\*/

SELECT COUNT(\*) AS 'subreddit\_count'

FROM subreddits;

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/\* Q4a What user has the highest score?\*/

SELECT username, MAX(score) AS 'highest\_score'

FROM users;

/\* Q4b What post has the highest score?\*/

SELECT title, MAX(score) AS 'highest\_score'

FROM posts;

/\* Q4c What are the top 5 subreddits with the highest subscriber\_count?\*/

SELECT name

FROM subreddits

ORDER BY subscriber\_count DESC

LIMIT 5;

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/\* Q5 find out how many posts each user has made.\*/

SELECT users.username, COUNT(title) AS "posts\_made"

FROM users

LEFT JOIN posts

  ON posts.id = users.id

GROUP BY users.id

ORDER BY 2 DESC;

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/\* Q6 Find existing posts where the users are still active \*/

SELECT \*

FROM posts

INNER JOIN users

  ON posts.id = users.id;

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/\* Q7 Stack the new posts2 table under the existing posts table to see them. \*/

SELECT \* FROM posts

UNION

SELECT \* FROM posts2;

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/\* Q8 Find out which subreddits have the most popular posts. \*/

WITH popular\_posts AS (

  SELECT \*

  FROM posts

  WHERE score >= 5000

)

SELECT subreddits.name, popular\_posts.title, popular\_posts.score

FROM subreddits

INNER JOIN popular\_posts

  ON subreddits.id = popular\_posts.id

ORDER BY popular\_posts.score DESC;

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/\* Q9  find out the highest scoring post for each subreddit. \*/

SELECT

  posts.title,

  subreddits.name AS "subreddit\_name",

  MAX(score) AS "highest\_score"

FROM posts

INNER JOIN subreddits

ON posts.id = subreddits.id

GROUP BY subreddits.id

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/\* Q10 Write a query to calculate the average score of all the posts for each subreddit.\*/

SELECT

  subreddits.name,

  AVG(posts.score) AS 'average\_score'

FROM subreddits

INNER JOIN posts

ON subreddits.id = posts.subreddit\_id

GROUP BY subreddits.name

ORDER BY 2 DESC;

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