100 query interview questions covering various topics in MySQL:

1. Write a query to retrieve all columns from a table named "employees".
2. Write a query to retrieve only the distinct values from a column in a table.
3. Write a query to retrieve the number of rows in a table.
4. Write a query to retrieve the average value from a numeric column in a table.
5. Write a query to retrieve the maximum value from a column in a table.
6. Write a query to retrieve the minimum value from a column in a table.
7. Write a query to retrieve the sum of values from a numeric column in a table.
8. Write a query to sort the result set in ascending order based on a column.
9. Write a query to sort the result set in descending order based on a column.
10. Write a query to retrieve the first "n" rows from a table.
11. Write a query to retrieve the last "n" rows from a table.
12. Write a query to filter the result set based on a specific condition using the WHERE clause.
13. Write a query to retrieve rows that match a specific pattern using the LIKE operator.
14. Write a query to retrieve rows that satisfy multiple conditions using the AND operator.
15. Write a query to retrieve rows that satisfy at least one of multiple conditions using the OR operator.
16. Write a query to retrieve rows that fall within a specific range of values using the BETWEEN operator.
17. Write a query to retrieve rows that match a list of specific values using the IN operator.
18. Write a query to retrieve rows that do not match a specific condition using the NOT operator.
19. Write a query to perform a case-insensitive search using the COLLATE operator.
20. Write a query to perform a case-sensitive search using the BINARY operator.
21. Write a query to join two tables based on a common column using an inner join.
22. Write a query to join three tables based on common columns using inner joins.

23. Write a query to retrieve rows from one table that have no matching rows in another table using a left join.
24. Write a query to retrieve rows from one table that have matching rows in another table using a right join.
25. Write a query to retrieve rows from one table and include all rows from another table using a full outer join.
26. Write a query to retrieve rows that satisfy a condition in one table and exclude rows that satisfy another condition in a different table using a subquery.
27. Write a query to retrieve rows that satisfy a condition in one table and include rows that satisfy another condition in a different table using a subquery.
28. Write a query to retrieve rows from a table and display them in groups based on a specific column using the GROUP BY clause.
29. Write a query to apply a condition on a grouped result set using the HAVING clause.
30. Write a query to calculate the total sum, average, maximum, or minimum value for a specific column in a grouped result set using aggregate functions (SUM, AVG, MAX, MIN).
31. Write a query to retrieve rows that satisfy a condition in one table and retrieve related rows from another table using a correlated subquery.
32. Write a query to retrieve rows that satisfy a condition in one table and retrieve related rows from multiple tables using a nested subquery.
33. Write a query to update values in a column for specific rows in a table using the UPDATE statement.
34. Write a query to delete specific rows from a table using the DELETE statement.
35. Write a query to insert a new row into a table using the INSERT statement.
36. Write a query to insert multiple rows into a table using a single INSERT statement.
37. Write a query to insert values into specific columns of a table using the INSERT statement.
38. Write a query to insert values into a table from another table using the INSERT INTO SELECT statement.
39. Write a query to create a new table with specified columns and data types using the CREATE TABLE statement.

40. Write a query to add a new column to an existing table using the ALTER TABLE statement.
41. Write a query to modify the data type of a column in an existing table using the ALTER TABLE statement.
42. Write a query to rename a column in an existing table using the ALTER TABLE statement.
43. Write a query to drop a column from an existing table using the ALTER TABLE statement.
44. Write a query to create an index on a column of a table using the CREATE INDEX statement.
45. Write a query to drop an index from a column of a table using the DROP INDEX statement.
46. Write a query to create a new database using the CREATE DATABASE statement.
47. Write a query to drop an existing database using the DROP DATABASE statement.
48. Write a query to grant privileges to a user on a specific database using the GRANT statement.
49. Write a query to revoke privileges from a user on a specific database using the REVOKE statement.
50. Write a query to create a new user in MySQL using the CREATE USER statement.
51. Write a query to delete an existing user in MySQL using the DROP USER statement.
52. Write a query to change the password for a user in MySQL using the ALTER USER statement.
53. Write a query to display the structure of a table using the DESC statement.
54. Write a query to display the list of tables in a database using the SHOW TABLES statement.
55. Write a query to display the list of columns in a table using the SHOW COLUMNS statement.
56. Write a query to display the list of databases in MySQL using the SHOW DATABASES statement.
57. Write a query to calculate the total count of rows in a table using the COUNT function.
58. Write a query to calculate the average value of a column in a table using the AVG function.

59. Write a query to calculate the sum of values in a column of a table using the SUM function.
60. Write a query to calculate the maximum value in a column of a table using the MAX function.
61. Write a query to calculate the minimum value in a column of a table using the MIN function.
62. Write a query to concatenate values from multiple columns into a single column using the CONCAT function.
63. Write a query to convert a string value to uppercase using the UPPER function.
64. Write a query to convert a string value to lowercase using the LOWER function.
65. Write a query to extract a substring from a string value using the SUBSTRING function.
66. Write a query to round a numeric value to a specified number of decimal places using the ROUND function.
67. Write a query to generate a random number within a specified range using the RAND function.
68. Write a query to format a date value in a specific format using the DATE_FORMAT function.
69. Write a query to retrieve rows where a specific column contains a NULL value using the IS NULL operator.
70. Write a query to retrieve rows where a specific column does not contain a NULL value using the IS NOT NULL operator.