SQL Practice Worksheet (Based on SQL_Keys Table)

SQL Practice Questions

1. Show all columns from the table.

2. Display only the Name and Marks of all students.

3. Find the students who scored more than 85 marks.

4. List all students whose name starts with 'S'.

5. Display all students with marks between 80 and 95.

6. Show details of students whose name ends with 'a'.

7. Show all records where Date is after '2025-07-01'.

8. Retrieve all students whose mobile number starts with '78'.

9. List students with names of length greater than 4.

10. Show records where marks are not equal to 90.

11. Show all students in alphabetical order by name.

12. Show all students in descending order of marks.

13. List students by ascending order of date and marks.

14. Count the total number of students.

15. Find the average marks of all students.

16. Show the highest marks obtained.

17. Show the lowest marks from the table.

18. Calculate the sum of all marks.

19. Group records by Marks and count how many students have the same mark.

20. Group records by the first letter of name and count them.

21. Find how many students scored each unique mark, but only show those marks that were scored by more than one student.

22. Show name and the number of characters in each name.

23. Display names in uppercase.

24. Display names in lowercase.

25. Show reversed names.

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26. Extract the first two characters of all names.

27. Extract the month from the Date column.

28. Extract the year from the Date column.

29. Extract the day of the month from the Date column.

30. List all students whose event month is October.

31. Display the name along with the full month name from Date.

32. Increase marks by 5 for all students with marks less than 90.

33. Change the name 'Shyam' to 'Shyam Lal'.

34. Set the date of 'Ram' to '2025-01-01'.

35. Delete records of students who scored less than 80.

36. Remove the record of 'Rani' from the table.

37. Show names, marks, and a grade (A, B, C) where:

   - A: Marks >= 90

   - B: Marks between 80 and 89

   - C: Marks < 80

38. Show all distinct marks.

39. Display name as Student_Name and marks as Score.

40. Show names of students who scored more than the average mark.

41. Display the name(s) of student(s) who scored the highest marks.

42. Display the top 3 scoring students.

43. Display the first 2 students (based on the order of entry).

44. Show names that contain 'ya'.

45. List all students whose Aadhaar number ends with '5678'.

46. Show name and double of marks.

47. Show name and remainder when marks are divided by 2.

48. Find any duplicate marks and count how many times each appears.

49. Try to insert a row with an existing primary key combination (Mobile + Aadhaar + Marks).

50. Show all fields and also include today's date as a new column.