

For Phase-3, I'll give you **50** high-quality SQL questions focused on:

- ❑ **TOP / LIMIT / FETCH FIRST** (Top operator)
 - ❑ **NOT operator**
 - Mixed **SELECT + WHERE + ORDER BY**
 - Use table: **employees(id, name, age, city, department, salary, email)**
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PHASE-3 SQL PRACTICE — 50 QUESTIONS

(Focused on TOP + NOT + WHERE + ORDER BY)

● A. TOP Operator (20 Questions)

1. Select the **top 3** highest-paid employees.
 2. Select the **top 5** oldest employees.
 3. Select the **top 10** employees with the lowest salary.
 4. Select the **top 2** youngest employees.
 5. Select the **top 4** employees with the highest age.
 6. Select the **top 6** employees by salary (high → low).
 7. Select the **top 8** employees by salary (low → high).
 8. Select the **top 5** employees with the shortest name length.
 9. Select the **top 3** employees whose salary is above 60,000.
 10. Select the **top 5** employees who are from Bangalore.
 11. Select the **top 7** employees sorted by city.
 12. Select the **top 9** employees sorted by name.
 13. Select the **top 1** employee who is oldest.
 14. Select the **top 1** employee earning the highest salary.
 15. Select the **top 2** employees who are from Delhi.
 16. Select the **top 3** employees whose age is between 25 and 35.
 17. Select the **top 10** employees whose salary is not equal to 50,000.
 18. Select the **top 4** employees from the HR department.
 19. Select the **top 5** employees sorted by age (youngest → oldest).
 20. Select the **top 6** employees sorted by name (Z → A).
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● B. NOT Operator (15 Questions)

21. Select employees who are **NOT** from the IT department.
 22. Select employees who are **NOT** living in Mumbai.
 23. Select employees whose salary is **NOT** greater than 70,000.
 24. Select employees whose age is **NOT** less than 30.
 25. Select employees whose department is **NOT** 'Finance'.
 26. Select employees whose city is **NOT** Delhi or Chennai.
 27. Select employees whose salary is **NOT** between 40,000 and 60,000.
 28. Select employees whose name is **NOT** 'Rahul'.
 29. Select employees whose age is **NOT** equal to 25.
 30. Select employees whose salary is **NOT** 50,000.
 31. Select employees who are **NOT** older than 40.
 32. Select employees who do **NOT** have NULL city.
 33. Select employees whose salary is **NOT** less than or equal to 45,000.
 34. Select employees who are **NOT** from the HR or Admin department.
 35. Select employees whose city is **NOT** in ('Delhi', 'Chennai', 'Bangalore').
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C. SELECT + WHERE + ORDER BY — Mixed (15 Questions)

36. Select all employees sorted by name A → Z.
 37. Select all employees sorted by salary high → low.
 38. Select all employees sorted by age low → high.
 39. Select employees who are older than 35.
 40. Select employees whose salary is above 55,000.
 41. Select employees whose city is 'Chennai'.
 42. Select employees who work in the HR department.
 43. Select employees whose name ends with the letter 'I'. (No LIKE → skip, don't solve yet)
 44. Select employees aged between 20 and 30.
 45. Select employees whose salary is below 30,000.
 46. Select all employees ordered by city A → Z.
 47. Select all employees ordered by department Z → A.
 48. Select employees whose email is NOT NULL.
 49. Select employees NOT from Bangalore and NOT from Mumbai.
 50. Select top 5 employees NOT belonging to the Sales department.
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Phase-3 Target

- Solve all **50 questions**