

SQL SERVER Tricky Interview Questions & Outputs - SET 1 (45 Questions)

Please go through the tricky SQL SERVER One liner queries frequently asked in SQL Server interview questions. Please go through these questions before attending any technical Interview.

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Question 1. `SELECT 100`

Output – 100

Question 2. `SELECT LEN(02.20)`

Output – 4

Question 3. `SELECT LEN(12.20)`

Output – 5

Question 4. `SELECT $`

Output – 0.00

Question 5. `SELECT 1/2`

Output – 0

Question 6. `SELECT 1./2`

Output – 0.500000

Question 7. `SELECT 1 + 'A'`

Output –

Msg 245, Level 16, State 1, Line 3
Conversion failed when converting the varchar value 'A' to data type int.

Question 8. `SELECT COUNT('100')`

Output – 1

Question 9. `SELECT 'A' + '1'`

Output – A1

Question 10. `SELECT COUNT(*)`

Output – 1

Question 11. `SELECT 1,1`

Output –

1 1

Question 12. `SELECT (SELECT '1')`

Output – 1

Question 13. `SELECT SELECT '1'`

Output –

Msg 156, Level 15, State 1, Line 4
Incorrect syntax near the keyword 'SELECT'.

Question 14. `SELECT * FROM 'Emp'` -- Assume that Emp is the table present in the DB

Output –

Msg 102, Level 15, State 1, Line 3
Incorrect syntax near 'Emp'.

Question 15. `SELECT * FROM amit1 , amit2`

Output – You will get Cartesian product of amit1 and amit2.

Question 16. `SELECT COUNT(1) + COUNT(1)`

Output – 2

Question 17. `SELECT '12' FROM amit1`

Output – '12' will be printed times no of rows present in the table amit1

Question 18. `SELECT SUM(2+2*9)`

Output – 20

Question 19. `SELECT MAX(2+2*9)`

Output – 20

Question 20. `SELECT SUM(1,3,4)`

Output –

Msg 174, Level 15, State 1, Line 3
The SUM function requires 1 argument(s).

Question 21. `SELECT MAX('Pawan')`

Output – Pawan

Question 22. `SELECT Count(SELECT age FROM amit1)`

Output –

Msg 156, Level 15, State 1, Line 3
Incorrect syntax near the keyword 'SELECT'.
Msg 102, Level 15, State 1, Line 3
Incorrect syntax near ')'.
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Question 23. `SELECT SUM('1')`

Output –

Msg 8117, Level 16, State 1, Line 3
Operand data type varchar is invalid for sum operator.

Question 24. `SELECT SPACE(1) + 1`

Output – 1

Question 25. `SELECT LEN(SPACE(1) + CAST(1 AS VARCHAR(1)))`

Output – 2

Question 26. `SELECT LEN(SPACE(1) + 1)`

Output – 1

Question 27. `SELECT LEN(' AB ')`

Output – 3

Question 28. `SELECT LEN('AB ')`

Output – 2

Question 29. `SELECT DATALENGTH(' A B ')`

Output – 5

Question 30. `SELECT CONCAT('Pawan',1)`

Output – Pawan1

Question 31. `SELECT 'PAWAN' + 1`

Output –

Msg 245, Level 16, State 1, Line 21
Conversion failed when converting the varchar value 'PAWAN' to data type int.

Question 32. `SELECT LEN(SPACE(1) + 'PAWAN')`

Output – 6

Question 33. `SELECT CONCAT('Pawan',1)`

Output – Pawan1

Question 34. `SELECT DATALENGTH(SPACE(1) + 1)`

Output – 4

Question 35. `SELECT LEN(SPACE(1) + 1)`

Output – 1

Question 36. `SELECT COUNT(NEWID())`

Output – 1

Question 37. `SELECT 50 WHERE NULL = NULL`

Output – Nothing will come or 0 rows affected.

Question 38. `SELECT SUM(-1)`

Output – -1

Question 39. `(SELECT 'A' AS C1) UNION (SELECT 'X' UNION ALL SELECT NULL UNION ALL SELECT NULL)`

Output –

A
NULL
X

Question 40. `(SELECT 'A' AS C1) UNION SELECT 'X' UNION ALL SELECT NULL UNION ALL SELECT NULL`

Output –

A
X
NULL
NULL

Question 41. `SELECT COUNT(100)`

Output – 1

Question 42. `SELECT COUNT(*) OVER ()`

Output – 1

Question 43.

```
SELECT NULL  
UNION  
SELECT NULL
```

Output – NULL

Question 44. `SELECT COUNT(C1) FROM (SELECT 'X' AS C1 UNION ALL SELECT 'Y' UNION ALL SELECT NULL) T`

Output – 2

Question 45. `SELECT SUM(10) OVER ()`

Output – 10