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| ﻿1. What is SQL? |
|  | 2. What is a database management system? A relational database management system? |
|  | 3. What is a database? |
|  | 4. What are the sublanguages of SQL? |
|  | 5. What is multiplicity? |
|  | 6. What is cardinality? |
|  | 7. What is a candidate key? |
|  | 8. What is referential integrity? |
|  | 9. What are primary keys? Foreign keys? |
|  | 10. What are some of the different constraints? |
|  | 11. What is an entity relation diagram? |
|  | 12. What are the differences between WHERE vs HAVING? |
|  | 13. What are the differences between GROUP BY and ORDER BY? |
|  | 14. What does LIKE do? |
|  | 15. What is the difference between IN and EXISTS? |
|  | 16. How do I use sub queries? |
|  | 17. How does BETWEEN work? |
|  | 18. What is the order of operations in an SQL statement? |
|  | 19. What is the difference between an aggregate function and a scalar function? |
|  | 20. What are examples of aggregate and scalar functions? |
|  | 21. What are the different joins in SQL? |
|  | 22. What are the different set operations in SQL? Which set operations support duplicates? |
|  | 23. What is the difference between joins and set operations? |
|  | 24. How can I create an alias in SQL? |
|  | 25. What does the AS keyword do in a query? |
|  | 26. What is a transaction? |
|  | 27. What are the properties of a transaction? |
|  | 28. What are the different types of reads we can get within transactions? |
|  | 29. What are the transaction isolation levels and what do they prevent? |
|  | 30. What are dirty reads, non repeatable reads, and phantom reads? |
|  | 31. What is normalization? |
|  | 32. What are the requirements for different levels of normalization? |
|  | 33. What are functions? |
|  | 34. What is SQL injection? |
|  | 35. What is JDBC? |
|  | 36. What are the interfaces of JDBC? |
|  | 37. PreparedStatement vs Statement? |
|  | 38. What is Mockito? |
|  | 39. What is stubbing? |
|  | 40. Why would you want to mock? |