Daily
SQL
Interview
Questions

31. Which operator is used in query for pattern matching?

LIKE operator is used for pattern matching, and it can be used with:

- % - Matches zero or more characters.

- _(Underscore) – Matching exactly one character

32. What is the main difference in the BETWEEN and IN condition operators?

BETWEEN operator is used to display rows based on a range of values in a row
whereas the IN condition operator is used to check for values contained in a specific set of values.

- Example of BETWEEN: SELECT * FROM Students where ROLL_NO BETWEEN 10 AND 50;

- Example of IN: SELECT * FROM students where ROLL_NO IN (8,15,25);

33. What is candidate key?

A candidate key is a subset of a super key set where the key which contains no redundant attribute is none other than a Candidate Key.
In order to select the candidate keys from the set of super key, we need to look at the super key set.

34. What is the difference between JOIN and UNION?

- JOIN

JOIN in SQL is used to combine data from many tables based on a matched condition between them. The data combined using JOIN statement results into new columns.

- **UNION**

UNION in SQL is used to combine the result-set of two or more SELECT statements. The data combined using UNION statement results into new distinct rows.

35. What is SQL injection? When does SQL injection occur?

- **SQL Injection is a type of database attack technique where malicious SQL statements are inserted into an entry field of database in a way that once it is executed, the database is exposed to an attacker for the attack.**

- **This technique is usually used for attacking data-driven applications to have access to sensitive data and perform administrative tasks on databases.**

Thank You