Classwork

1. What are the 4 types of joins and explain them

Solution

The 4 types of Join are

* Right Join
* Left Join
* Inner Join
* Full Join

Right Join: The Right Join keyword returns all records from the right table (table2), and the matching records from the left table

Left Join: returns all records from the left (first) table and the matched records from the right (second) table

Inner Join: Returns values apart from the null values. s a method used to combine rows from two or more tables based on a related column between them. It retrieves only the rows that have matching values in both tables involved in the join.

Full Join: creates a new table by joining two tables as a whole.

1. What is CTE

Solution

Common Table Expressions (CTE) are used to store result from queries and it also gives ability to define a subquery and gives it a name.

CTEs help keep your code organized, and allow you to perform multi-level aggregations on your data, like finding the average of a set of counts.

3 What is Regular Expression

Regex, or Regular Expressions, is a sequence of characters, used to search and locate specific sequences of characters that match a pattern.