

What is SQL Transaction

SQL Transaction is helpful in executing one or more statements as a set. If a transaction is successful, all the changes made in that transaction will apply to the table. If any single statement inside the transaction encounters an error, then changes made in that transaction will be erased or rolled back.

Let me show you the list of various examples that can explain the Transaction. They are BEGIN TRANSACTION, COMMIT TRANSACTION, ROLLBACK TRANSACTION, named transactions, Transactions inside the IF ELSE, and SQL Server Transactions inside the TRY CATCH block. List of things to remember while working on the Transactions.

SQL Server Transaction Example

In the example of this transaction, we will place an INSERT INTO SELECT statement inside the BEGIN and COMMIT transaction. As you can see, it will select the top four records from the Employee table and store them in the Employee Records table.

```
BEGIN TRANSACTION;

UPDATE accounts
SET balance = balance - 50
WHERE id = 1;

UPDATE accounts
SET balance = balance + 50
WHERE id = 2;

COMMIT;
```