**TRANSACTION CONTROL LAGUAGE(TCL):**

TCL commands deals with the transaction within the database.

**COMMIT**– commits a Transaction.

When we use any DML command like INSERT, UPDATE or DELETE, the changes made by these commands are not permanent,

until the current session is closed, the changes made by these commands can be rolled back.

To avoid that, we use the COMMIT command to mark the changes as permanent.

SYNTAX:

### COMMIT;

**ROLLBACK**– rollbacks a transaction in case of any error occurs.

This command restores the database to last commited state. It is also used with SAVEPOINT command to jump to a savepoint in an ongoing transaction.

If we have used the UPDATE command to make some changes into the database, and realise that those changes were not required, then we can use the ROLLBACK command to rollback those changes, if they were not commited using the COMMIT command.

SYNTAX:

### ROLLBACK TO savepoint\_name;

**SAVEPOINT**–sets a savepoint within a transaction.

SAVEPOINT command is used to temporarily save a transaction so that you can rollback to that point whenever required.

SYNTAX:

### SAVEPOINT savepoint\_name;

|  |  |  |
| --- | --- | --- |
| id | name | marks |
| 100 | gayu | 99 |
| 101 | adhi | 98 |
| 102 | riya | 92 |