

1. `testInsertRecord`: This test case checks whether a record can be successfully inserted into a database table. It first checks the initial number of records in the table, then adds a new record and checks whether the number of records has increased by one. This helps ensure that records can be added to the table.
2. `testTableExists`: This test case checks whether a specific table exists in the database. It checks whether the table with the given name exists and returns true if it does, and false if it doesn't.
3. `testIndexExists`: This test case checks whether a specific index exists on a table in the database. It checks whether the index with the given name exists on the given table, and returns true if it does, and false if it doesn't.
4. `testColumnExists`: This test case checks whether a specific column exists in a table in the database. It checks whether the column with the given name exists on the given table, and returns true if it does, and false if it doesn't.
5. `testRecordCount`: This test case checks whether the number of records in a table in the database is correct. It checks whether the table has the expected number of records, and returns true if it does, and false if it doesn't.
6. `testTableDrop`: This test case checks whether a table can be dropped from the database. It first creates a temporary table, checks that it exists, then drops it and checks that it no longer exists.
7. `testTableDoesNotExist`: This test case checks whether attempting to access a table that doesn't exist in the database throws a `SQLException`.
8. `testCreateTableWithNoColumns`: This test case checks whether attempting to create a table with no columns throws a `SQLException`.