1.

A screenshot of a computer

Description automatically generated

2.

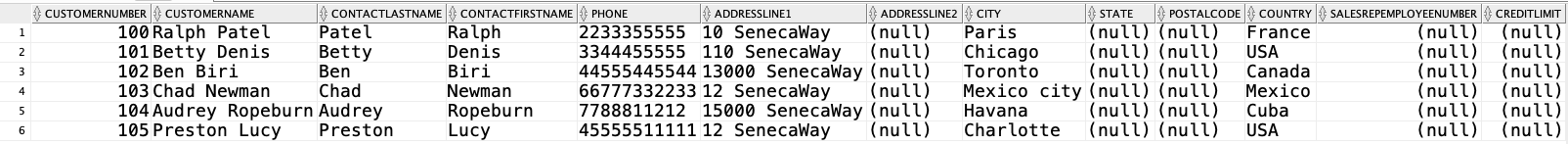
A screenshot of a computer screen

Description automatically generated

3.

A screenshot of a computer

Description automatically generated



6 rows are selected.

4.

A screenshot of a computer

Description automatically generated



0 row is selected.

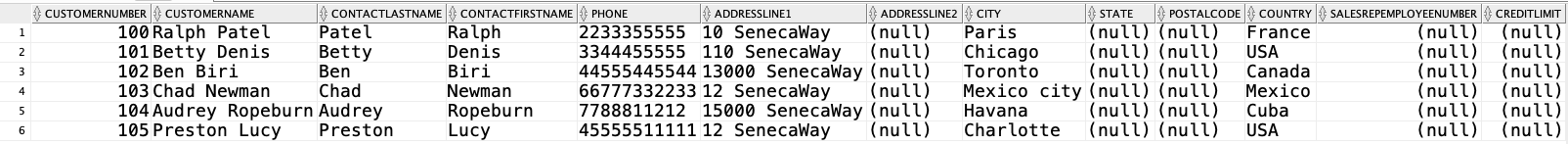
5.

A screenshot of a computer

Description automatically generated

A white background with black text

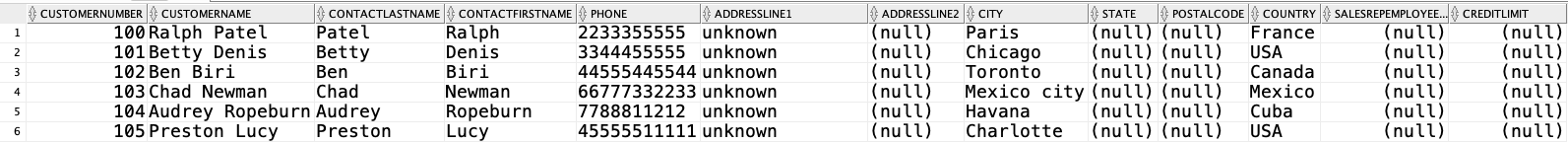
Description automatically generated



6.

A screenshot of a computer

Description automatically generated



7.

A screenshot of a computer

Description automatically generated

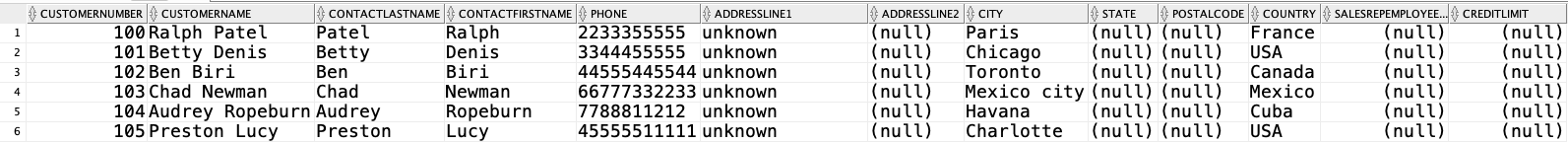


8a.

A screenshot of a computer

Description automatically generated





6 rows are still displayed.

8b. The rollback command was not effective.

8c. If we execute the rollback command before the commit command, the rollback command will be effective and undo all the executed statements in the current transaction, including the insert statements. However, if we execute the rollback command after the commit command, any pending changes to the data will be permanently made on the database server, and the rollback command will not be effective in undoing these changes.

9.

A screenshot of a computer

Description automatically generated

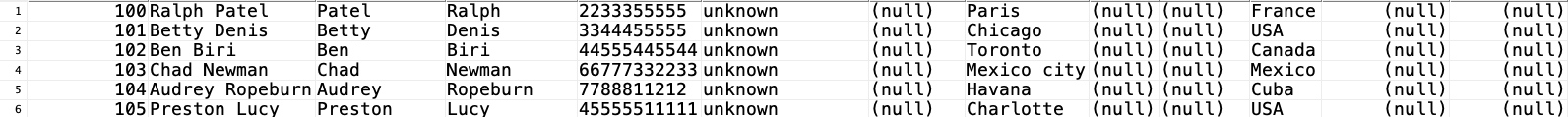


10a.

A screenshot of a computer

Description automatically generated





6 customers are still in the newCustomers table.

10b. The rollback was effective. Because there is no commit command was executed before the rollback command.

11.

A screenshot of a computer screen

Description automatically generated

A screenshot of a computer

Description automatically generated

12.

A screenshot of a computer

Description automatically generated



13.

A screenshot of a computer code

Description automatically generated

A screenshot of a computer screen

Description automatically generated

14.

A screenshot of a computer

Description automatically generated

A screenshot of a computer

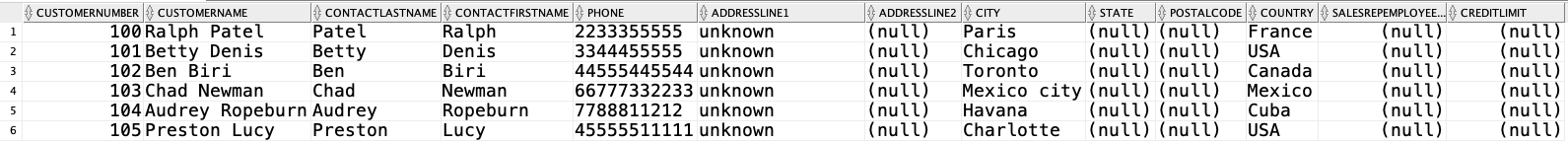
Description automatically generated

The data looks the same as it did before I executed the update statement.

15.

A screenshot of a computer

Description automatically generated



The data rolls back to the state it was in right before the commit. This means the data is rolling back to the state after the first update statement execution.

16.

A close-up of a number

Description automatically generated



17.

A close-up of numbers

Description automatically generated



18.

A close-up of a computer screen

Description automatically generated



19.

A close-up of a number

Description automatically generated



20.

A close up of a number

Description automatically generated

