**EX NO.: 01 DDL COMMANDS**

**AIM:**

To work with DDL commands

**DDL (Data Definition Language):**

DDL or Data Definition Language actually consists of the SQL commands that can be used to define the database schema. DDL is a set of SQL commands used to create, modify, and delete database structures but not data.

**PROCEDURE:**

**Step 1**: Open Run SQL on Command line and connect to SQL

**Step 2:** Then work with database using SQL queries.

**CREATE:**

This command is used to create the database or its objects (like table, index, function, views, store procedure, and triggers).

**SYNTAX:**

CREATE TABLE table\_name

(

column\_Name1 data\_type ( size of the column ) ,

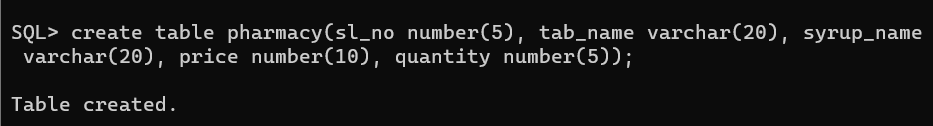
column\_Name2 data\_type ( size of the column) ,

...

column\_NameN data\_type ( size of the column )

) ;

**OUTPUT:**



**ALTER:**

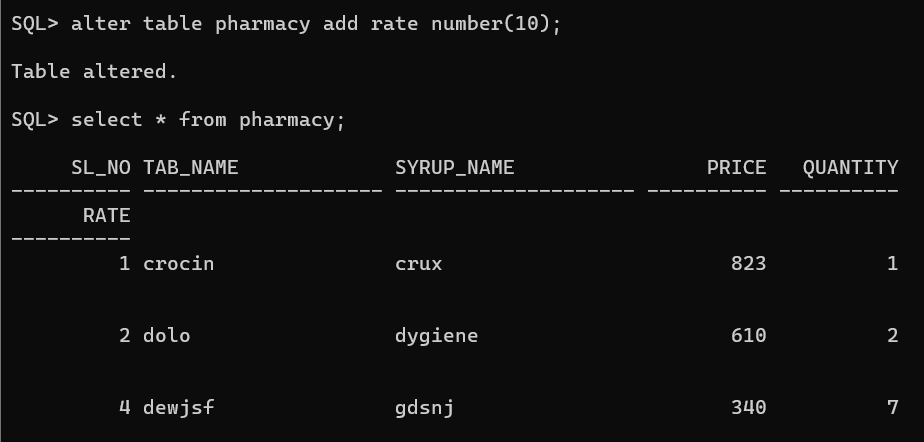
This is used to alter the structure of the database.

**ALTER ADD:**

**Syntax to add a new field in the table:**

ALTER TABLE name\_of\_table ADD column\_name column\_definition;

**OUTPUT:**

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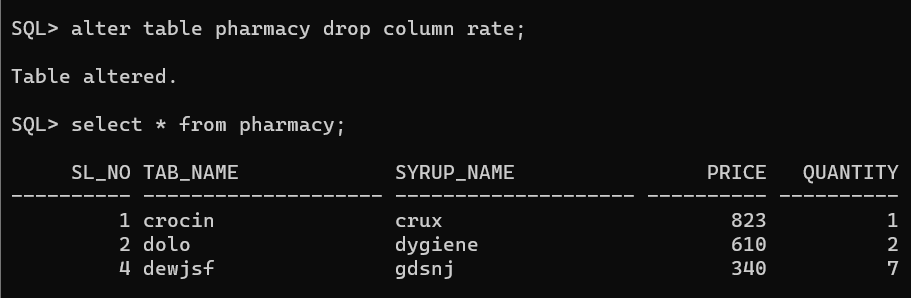
**ALTER DROP:**

**Syntax to remove a column from the table:**

ALTER TABLE name\_of\_table DROP

Column\_Name\_1 , column\_Name\_2 , ….., column\_Name\_N;

**OUTPUT:**

****

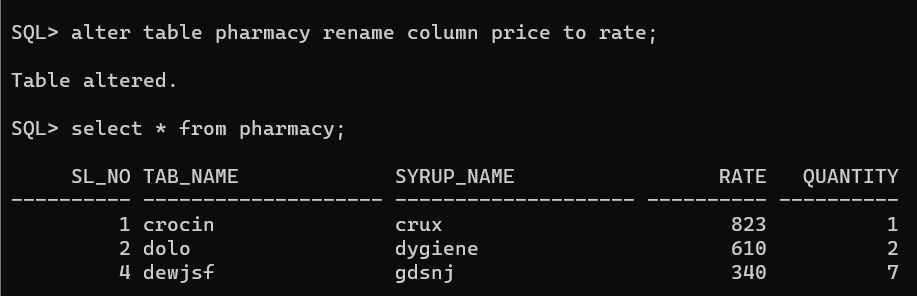
**ALTER RENAME:**

**Syntax to Rename a column from the table:**

ALTER TABLE name\_of\_table RENAME

Old Column\_Name to New Column Name;

**OUTPUT:**

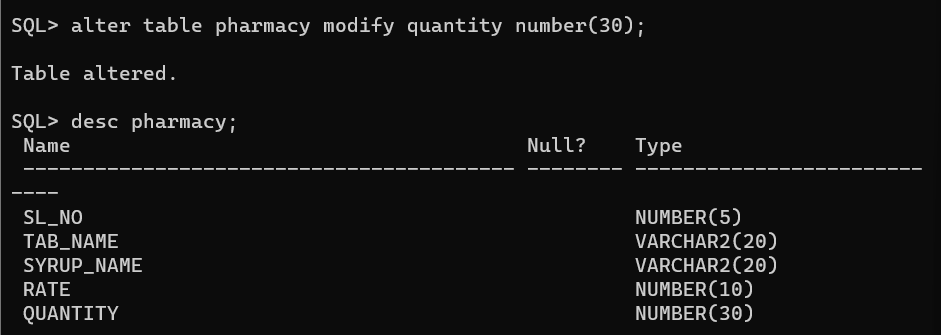
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**ALTER MODIFY:**

**Syntax to modify the column of the table:**

ALTER TABLE table\_name MODIFY ( column\_name column\_datatype(size));

**OUTPUT:**

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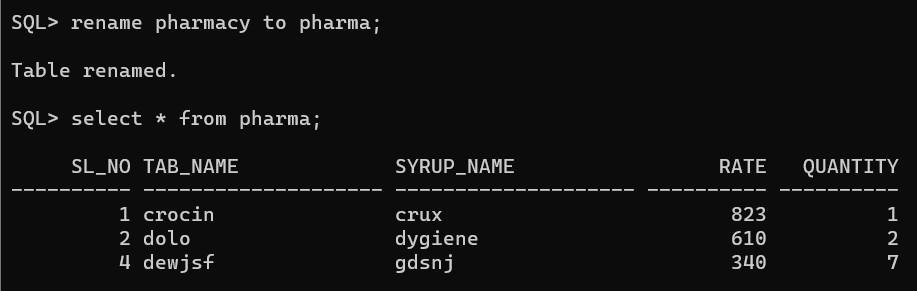
**RENAME:**

This is used to rename an object existing in the database.

**Syntax of rename command:**

RENAME TABLE Old\_Table\_Name TO New\_Table\_Name;

**OUTPUT:**

****

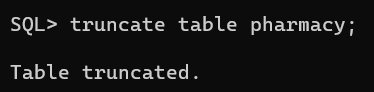
**TRUNCATE:**

This is used to remove all records from a table, including all spaces allocated for the records are removed.

**Syntax of TRUNCATE command:**

TRUNCATE TABLE Table\_Name;

**OUTPUT:**

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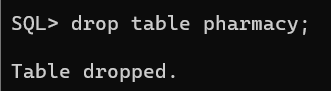
**DROP:**

This command is used to delete objects from the database.

**Syntax to remove a table:**

DROP TABLE Table\_Name;

**OUTPUT:**

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**RESULT:**

The queries for DDL commands were successfully executed and the output is noted.