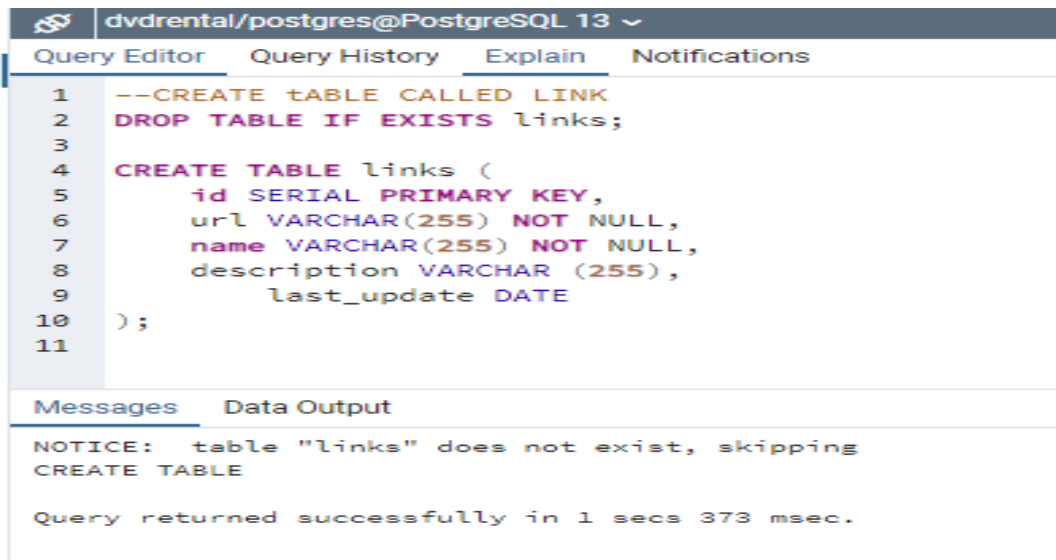


POSTGRESQL INSERT



The screenshot shows the PostgreSQL Query Editor interface. The title bar indicates the connection is 'dvdrental/postgres@PostgreSQL 13'. The 'Query Editor' tab is active, displaying a SQL script to create a table named 'links'. The script includes a comment, a 'DROP TABLE IF EXISTS' statement, and a 'CREATE TABLE' statement with columns: 'id' (SERIAL PRIMARY KEY), 'url' (VARCHAR(255) NOT NULL), 'name' (VARCHAR(255) NOT NULL), 'description' (VARCHAR(255)), and 'last_update' (DATE). The 'Messages' tab is also visible, showing a notice that the table 'links' does not exist and is being created, and a confirmation that the query was successful in 1 second and 373 milliseconds.

```
1  --CREATE table CALLED LINK
2  DROP TABLE IF EXISTS links;
3
4  CREATE TABLE links (
5      id SERIAL PRIMARY KEY,
6      url VARCHAR(255) NOT NULL,
7      name VARCHAR(255) NOT NULL,
8      description VARCHAR (255),
9      last_update DATE
10 );
11
```

Messages Data Output

NOTICE: table "links" does not exist, skipping
CREATE TABLE

Query returned successfully in 1 secs 373 msec.

PostgreSQL INSERT – Inserting a single row into a tab



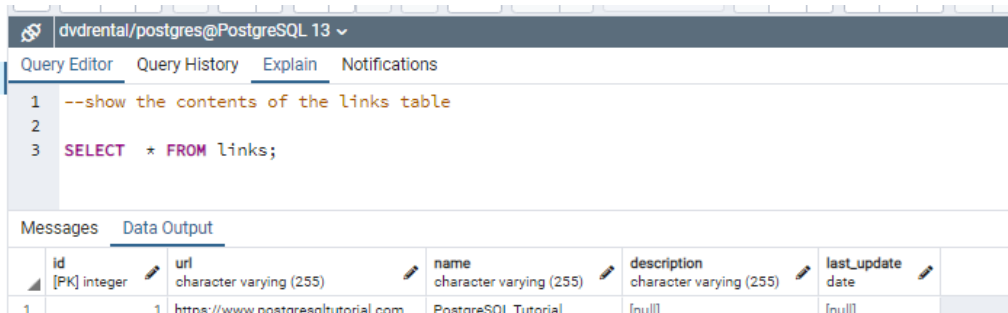
The screenshot shows the PostgreSQL Query Editor interface. The title bar indicates the connection is 'dvdrental/postgres@PostgreSQL 13'. The 'Query Editor' tab is active, displaying an SQL script to insert a new row into the 'links' table. The script includes a comment, an 'INSERT INTO' statement with columns 'url' and 'name', and a 'VALUES' clause with the values 'https://www.postgresqltutorial.com' and 'PostgreSQL Tutorial'. The 'Messages' tab is also visible, showing the result 'INSERT 0 1' and a confirmation that the query was successful in 1 second and 480 milliseconds.

```
1  --inserts a new row into the links table
2  INSERT INTO links (url, name)
3  VALUES('https://www.postgresqltutorial.com','PostgreSQL Tutorial');
```

Messages Data Output

INSERT 0 1

Query returned successfully in 1 secs 480 msec.



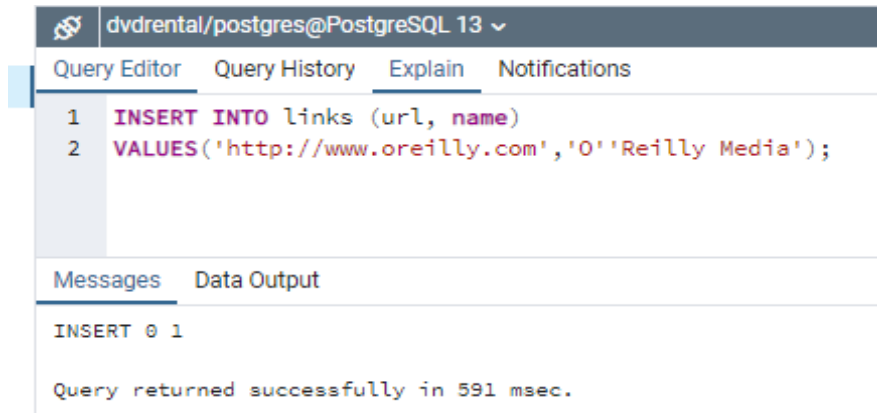
The screenshot shows the PostgreSQL Query Editor interface. The title bar indicates the connection is 'dvdrental/postgres@PostgreSQL 13'. The 'Query Editor' tab is active, displaying a SQL script to show the contents of the 'links' table. The script includes a comment and a 'SELECT * FROM links;' statement. The 'Messages' tab is also visible, showing the result of the query as a table with 5 columns: 'id', 'url', 'name', 'description', and 'last_update'. The table contains one row with the values: 1, https://www.postgresqltutorial.com, PostgreSQL Tutorial, [null], and [null].

```
1  --show the contents of the links table
2
3  SELECT * FROM links;
```

Messages Data Output

	id [PK] integer	url character varying (255)	name character varying (255)	description character varying (255)	last_update date
1	1	https://www.postgresqltutorial.com	PostgreSQL Tutorial	[null]	[null]

PostgreSQL INSERT – Inserting character string that contains a single quote



The screenshot shows the PostgreSQL Query Editor interface. The title bar indicates the connection is 'dvdrental/postgres@PostgreSQL 13'. The 'Query Editor' tab is active. The SQL query is as follows:

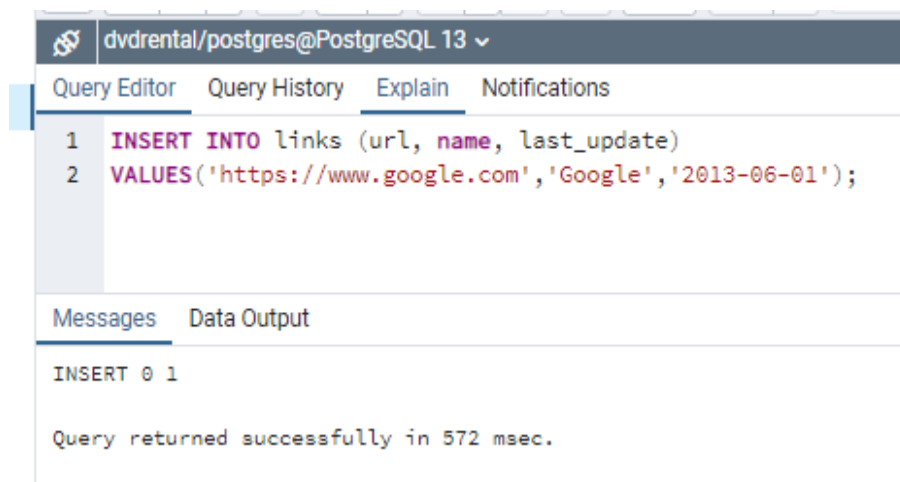
```
1 INSERT INTO links (url, name)
2 VALUES('http://www.oreilly.com','O'Reilly Media');
```

Below the query editor, the 'Messages' tab is active, showing the execution result:

```
INSERT 0 1
```

Query returned successfully in 591 msec.

PostgreSQL INSERT – Inserting a date value



The screenshot shows the PostgreSQL Query Editor interface. The title bar indicates the connection is 'dvdrental/postgres@PostgreSQL 13'. The 'Query Editor' tab is active. The SQL query is as follows:

```
1 INSERT INTO links (url, name, last_update)
2 VALUES('https://www.google.com','Google','2013-06-01');
```

Below the query editor, the 'Messages' tab is active, showing the execution result:

```
INSERT 0 1
```

Query returned successfully in 572 msec.

PostgreSQL INSERT- Getting the last insert id

 dvdrental/postgres@PostgreSQL 13 ▾

Query Editor Query History Explain Notifications

```
1 INSERT INTO links (url, name)
2 VALUES('http://www.postgresql.org','PostgreSQL')
3 RETURNING id;
```

	id
▲	integer
1	4