PostgreSQL INSERT

Query Editor   Query History   Explain   Messages   Notifications

```
1   --creates a new table calledlinksfor the demonstration:
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  );
```

Query Editor   Query History   Explain   Notifications

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

Messages   Data Output

```
INSERT 0 1

Query returned successfully in 65 msec.
```

Query Editor   Query History   Explain   Notifications

```
1   --SELECT statement shows 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]
2	2	https://www.postgresqltutorial.com	PostgreSQL Tutorial	[null]	[null]
3	3	https://www.postgresqltutorial.com	PostgreSQL Tutorial	[null]	[null]

```sql
1   --Inserting character string that contains a single quote
2   INSERT INTO links (url, name)
3   VALUES('http://www.oreilly.com','O''Reilly Media');
```

Messages   Data Output

```
INSERT 0 1

Query returned successfully in 60 msec.
```

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

Messages   Data Output

```
INSERT 0 1

Query returned successfully in 54 msec.
```

```sql
1   --Inserts a new row into the links table and returns the last insert id:
2   INSERT INTO links (url, name)
3   VALUES('http://www.postgresql.org','PostgreSQL')
4   RETURNING id;
```

Messages   Data Output

id [PK] integer
1   7