

Assignment # 02

In the beginning, I insert two rows in the articles table, in which I added two title columns having author_id is 3 as per given instruction

After that, I wrote a query, in which I join two table using inner join and applied the given condition as mention below

```
INSERT INTO articles(author_id, title) VALUES
```

```
(3, 'How to be a leader'),
```

```
(3, 'How to be great person');
```

```
SELECT us.name, ar.title, us.age FROM users us
```

```
INNER JOIN articles ar
```

```
ON us.id = ar.author_id
```

```
WHERE age >= 25
```

The screenshot shows the SQL Fiddle interface with PostgreSQL 9.6. The left pane contains the following SQL code:

```
1 CREATE TABLE users(id SERIAL UNIQUE PRIMARY KEY, name VARCHAR, age INT);
2 CREATE TABLE articles(
3   id SERIAL,
4   author_id BIGINT,
5   title VARCHAR,
6   FOREIGN KEY(author_id) REFERENCES users(id));
7 INSERT INTO users(id, name, age) VALUES (1, 'John', 30), (2, 'Mary', 24), (3,
8 INSERT INTO articles(author_id, title) VALUES
9   (1, 'How to become famous'),
10  (1, 'How to stop being famous'),
11  (2, 'How to write interesting articles');
```

The right pane contains the following SQL code:

```
1 INSERT INTO articles(author_id, title) VALUES
2   (3, 'How to be a leader'),
3   (3, 'How to be great person');
4
5 SELECT us.name, ar.title, us.age FROM users us
6 INNER JOIN articles ar
7 ON us.id = ar.author_id
8 WHERE age >= 25
```

Below the code panes are buttons: Build Schema, Edit Fullscreen, Browser, and Run SQL. The Run SQL button is highlighted.

At the bottom, a status bar shows: Record Count: 0; Execution Time: 1ms. Below this is a link to View Execution Plan.

The results table is displayed below the status bar:

name	title	age
John	How to become famous	30
John	How to stop being famous	30
Joe	How to be a leader	56
Joe	How to be great person	56