Aqsa Tauheed (2303-KHI-DEG-011)

1.2 Graded Assignment 2

Create a new SQLFiddle and then add the database from db.sql (provided in tasks/1_introduction/day 2_basic_tooling/hands_on_sql) to be able to perform queries.

Current Schema:

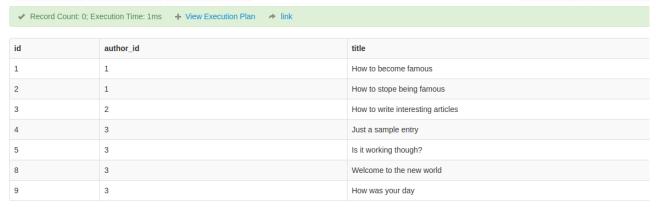
```
SQL Fiddle PostgreSQL 9.6 PostgreSQL 9.6 EVIEW Sample Fiddle © Clear F Text to DDL

1 CREATE TABLE users (
    id SERIAL UNIQUE PRIMARY KEY,
    name VARCHAR,
    age INT);
5 CREATE TABLE articles(
    id SERIAL,
    author id BIGINT,
    title VARCHAR,
    probleIGN KEY(author_id) REFERENCES users(id));
6 INSERT INTO articles(author_id, title) VALUES(3, 'Welcome to the new world'),
    3 SELECT * FROM articles;
    5 SELECT articles.title, users.name
    7 FROM articles
    ill SERIAL,
    1 INSERT INTO articles(author_id, title) VALUES(1, 'John', 30), (2, 'Mary', 24), (3, 'Joe', 56);
    11 INSERT INTO users (id, name, age) VALUES(1, 'John', 30), (2, 'Mary', 24), (3, 'Joe', 56);
    11 INSERT INTO users (id, name, age) VALUES(1, 'John', 30), (2, 'Mary', 24), (3, 'Joe', 56);
    11 INSERT INTO articles(author_id, title) VALUES(1, 'John', 30), (2, 'Mary', 24), (3, 'Joe', 56);
    11 INSERT INTO articles(author_id, title) VALUES(1, 'John', 30, 'Joe', 56);
    11 INSERT INTO articles(author_id, title) VALUES(3, 'Welcome to the new world'),
    12 (1, 'How to services, author_id, title) VALUES(1, 'John', 30, 'Joe', 56);
    13 INSERT INTO articles(author_id, title) VALUES(1, 'John', 30, 'Joe', 56);
    14 (2, 'How to become famous'),
    15 (3, 'Just a sample entry'),
    16 (3, 'Is it working though?');
```

Task 1:

```
INSERT INTO articles(author_id, title) VALUES(3, 'Welcome to the new world'),
(3, 'How was your day');
SELECT * FROM articles;
```

Output:



Task 2:

```
6 SELECT articles.title, users.name
7 FROM articles
8 INNER JOIN users ON users.id=articles.author_id where users.age >= 25;
```

Output:

✓ Record Count: 7; Execution Time: 11ms + View Execution Plan → link	
title	name
How to become famous	John
How to stope being famous	John
Just a sample entry	Joe
Is it working though?	Joe
Welcome to the new world	Joe
How was your day	Joe
✓ Record Count: 6: Execution Time: 2ms + View Execution Plan → link	