

Unit 1.2: Graded Assignment 2:

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Assignment:

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.

Your task then is to do two things:

1. Insert two articles written by Joe (id 3) into `articles` table (choosing the titles is up to you).
2. Write a query that will return you a list of articles written by authors who are at least 25 years old.

Solution:

We inserted two rows with the author's ID 3.

```
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, 'Joe', 56);
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'),
12    (3, 'How to influence others'),
13    (3, 'Sample articles');
```

Using INNER JOIN, we joined two tables. And using WHERE we runs the query, where age of the author is greater than 25

```
1 SELECT a.title, au.name, au.age
2 FROM articles AS a
3 JOIN users AS au ON a.author_id = au.id
4 WHERE au.age >= 25;
```

Output:

title	name	age
How to become famous	John	30
How to stop being famous	John	30
How to influence others	Joe	56
Sample articles	Joe	56

✓ Record Count: 4; Execution Time: 9ms + View
[Execution Plan](#) ➔ [link](#)