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Unit 1.2

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.

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.

Firstly I insert two articles written by Joe into articles table and give titles “ How to increase work efficiency ” and “ How to increase work speed ”.

```
1 CREATE TABLE users (  
2   id SERIAL UNIQUE PRIMARY KEY,  
3   name VARCHAR,  
4   age INT);  
5 CREATE TABLE articles(  
6   id SERIAL,  
7   author_id BIGINT,  
8   title VARCHAR,  
9   FOREIGN KEY(author_id) REFERENCES users(id));  
10 INSERT INTO users (id, name, age) VALUES (1, 'John', 30), (2, 'Mary', 24), (3, 'Joe', 56);  
11 INSERT INTO articles (author_id, title) VALUES  
12 (1, 'How to become famous'),  
13 (1, 'How to stop being famous'),  
14 (2, 'How to write interesting articles'),  
15 (3, 'Just a sample entry'),  
16 (3, 'Is it working though?'),  
17 (3, 'How to increase work efficiency'),  
18 (3, 'How to increase work speed');
```

After build schema I select required columns users.id, users.name, users.age, articles.title and then from users I join article table on users.id with articles.author_id and by using WHERE clause I set a condition to filter our records whose age is at least 25 or greater than 25.

```
1 SELECT users.id, users.name, users.age, articles.title
2 from users
3 JOIN articles
4 ON users.id = articles.author_id
5 WHERE age >= 25;
```

Output:-

id	name	age	title
1	John	30	How to become famous
1	John	30	How to stop being famous
3	Joe	56	Just a sample entry
3	Joe	56	Is it working though?
3	Joe	56	How to increase work efficiency
3	Joe	56	How to increase work speed