

# UNIT 1.2 ASSIGNMENT 2

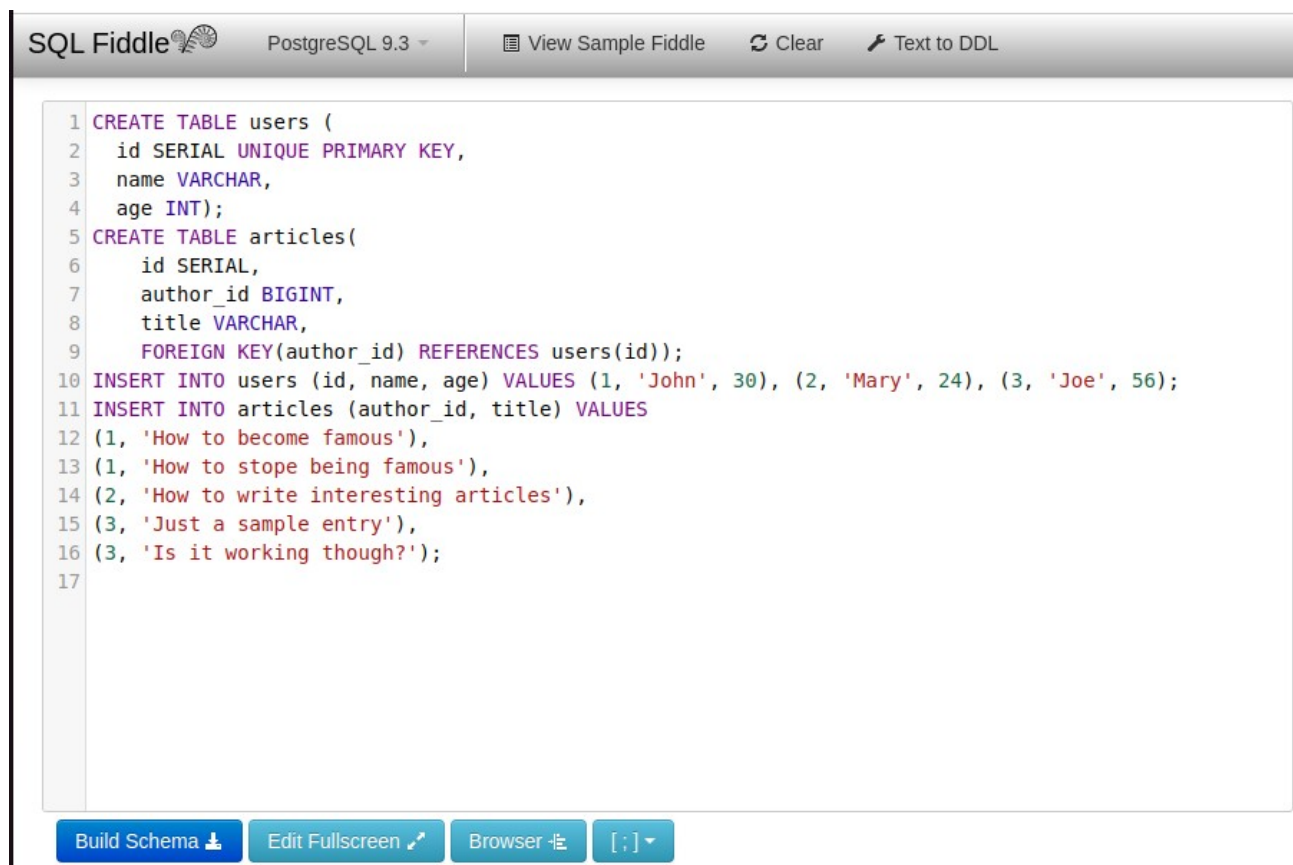
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Create a new SQL Fiddle and then add the database from db.sql (provided in [tasks/1\\_introduction/day\\_2\\_basic\\_tooling/hands\\_on\\_sql](#)) to be able to perform queries.

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.

## SQL SCHEMA:

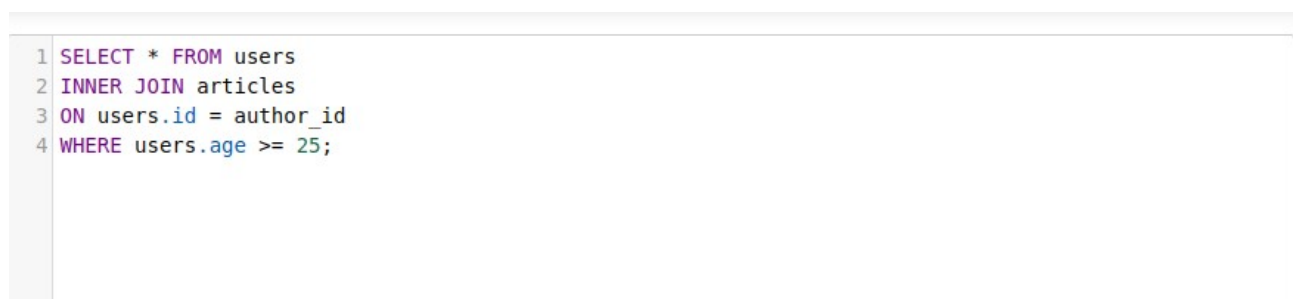


The screenshot shows the SQL Fiddle interface with the following SQL code:

```
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
```

At the bottom of the interface, there are four buttons: "Build Schema", "Edit Fullscreen", "Browser", and a dropdown menu with a semicolon icon.

## SQL QUERY:



The screenshot shows the SQL Fiddle interface with the following SQL query:

```
1 SELECT * FROM users  
2 INNER JOIN articles  
3 ON users.id = author_id  
4 WHERE users.age >= 25;
```

To insert two articles written by joe into the articles table we first use select all from users and after that we use inner join to join the articles which contains author\_id and titles. At last to display the output of a list of articles written by authors who are at least 25 years old, we set the users age to  $\geq 25$  on authors\_id.

### **OUTPUT:**

id	name	age	id	author_id	title
1	John	30	1	1	How to become famous
1	John	30	2	1	How to stop being famous
3	Joe	56	4	3	Just a sample entry
3	Joe	56	5	3	Is it working though?

The required output contains the combined articles in which joe article is joined by INNER JOIN command and list of articles of the authors whose age are at least 25.