

## Assignment 2

### Peer Members:

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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.

After Inserting Two Articles with author\_id=3:

```
1
2 CREATE TABLE users(id SERIAL UNIQUE PRIMARY KEY, name VARCHAR, age INT);
3 CREATE TABLE articles(
4     id SERIAL,
5     author_id BIGINT,
6     title VARCHAR,
7     FOREIGN KEY(author_id) REFERENCES users(id));
8 INSERT INTO users(id, name, age) VALUES (1, 'John', 30), (2, 'Mary', 24), (3, 'Joe', 56);
9 INSERT INTO articles(author_id, title) VALUES
10     (1, 'How to become famous'),
11     (1, 'How to stop being famous'),
12     (2, 'How to write interesting articles'),
13     (3, 'Pakistan is a great Country'),
14     (3, 'Kalam is the place for tourists');
15
16
```

We use INNER JOIN to Select the articles and users table to find the author whose age at least 25

```
1 SELECT u.id,a.author_id,a.title,u.age FROM articles as a
2 INNER JOIN users as u
3 ON a.author_id=u.id
4 where u.age>=25
```

Output:

Id	author_id	title	age
1	1	How to become famous	30
1	1	How to stop being famous	30
3	3	Pakistan is great Country	56
3	3	Kalam is the best place for tourism	56