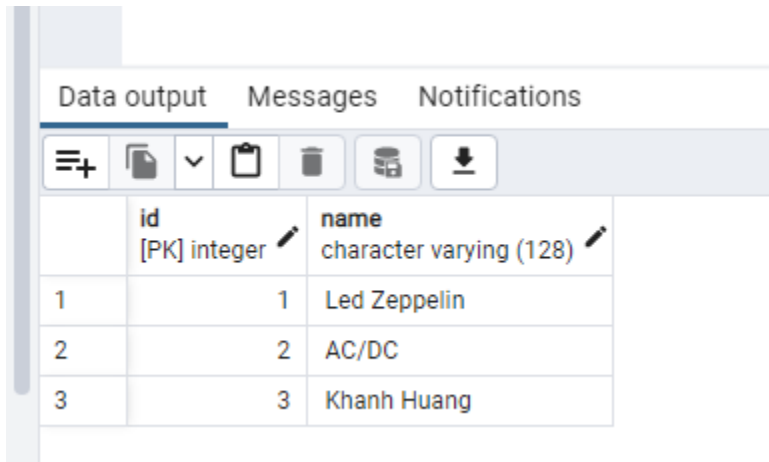


Activity 16: progreSQL

KHANH HUANG

- a) COPY AND PASTE THE SQL statement
Screenshot of the table artist

```
INSERT INTO artist (id, name)
VALUES (3,'Khanh Huang');
```



	id [PK] integer	name character varying (128)
1	1	Led Zeppelin
2	2	AC/DC
3	3	Khanh Huang

- b) Copy and paste the SQL statement
Screenshot of the table album

```
INSERT INTO album (id,title,artist_id)
VALUES (3,'IN THE END',2);
```

Query Query History

```
1 SELECT * FROM album
```

Data output Messages Notifications

	id [PK] integer	title character varying (128)	artist_id integer
1	1	who made who	2
2	2	IV	1
3	3	IN THE END	2

c) JOIN table → SQL statement
Screenshot of the JOIN table

album

Columns (3)

id

title

artist_id

> Constraints

> Indexes

> RLS Policies

> Rules

> Triggers

artist

Columns (2)

id

name

> Constraints

> Indexes

> RLS Policies

Query Query History

```
1 SELECT album.title, artist.name, artist.id
2 FROM artist
3 JOIN album ON artist.id=album.id;
```

Data output Messages Notifications

	title character varying (128)	name character varying (128)	id integer
1	who made who	Led Zeppelin	1
2	IV	AC/DC	2
3	IN THE END	Khanh Huang	3

Total rows: 3 of 3 Query complete 00:00:00.053

d) JOIN table → SQL statement
Screenshot of the JOIN table

The screenshot shows a database management interface with a sidebar on the left and a main workspace on the right. The sidebar displays a tree view of the database schema, including tables 'genre' and 'track'. The 'track' table is selected, showing its columns: id, title, len, rating, count, album_id, and genre_id. The main workspace displays a SQL query in the 'Query' tab: `SELECT track.title, genre.name FROM track JOIN genre ON genre.id = track.id;`. Below the query, the 'Data output' tab shows the results of the query in a table format. The table has two columns: 'title' and 'name'. The results are as follows:

	title	name
1	Black Dog	Rock
2	Stairway	Metal

At the bottom of the interface, a status bar indicates 'Total rows: 2 of 2', 'Query complete 00:00:00.034', and 'Ln 1, Col :'. The top of the interface shows the database connection 'demoDB/postgres@PostgreSQL 14' and various tool icons.