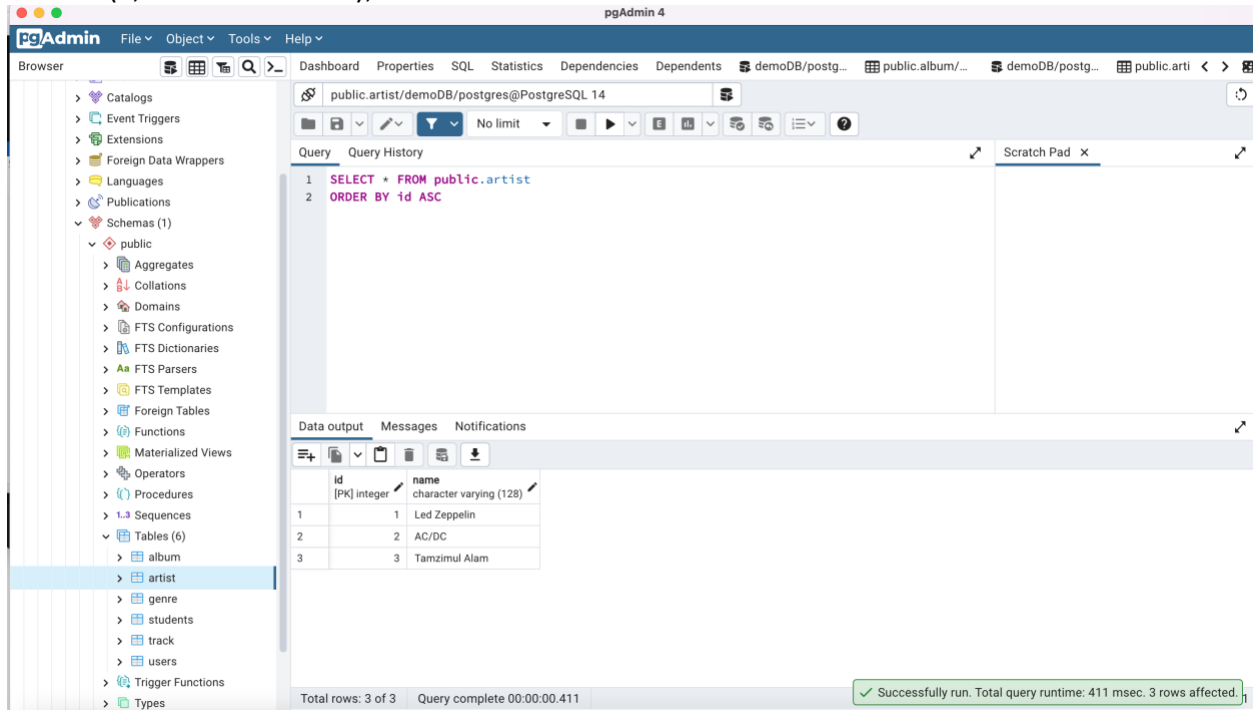


ACTIVITY 16: postgresQL

STUDENT'S NAME: Tamzimul Alam

a) INSERT INTO artist(id, name)
VALUES(3,'Tamzimul Alam');



The screenshot shows the pgAdmin 4 interface. The left sidebar displays the database structure, with the 'public' schema selected. The 'artist' table is highlighted under the 'Tables (6)' category. The main pane shows a SQL query:

```
1 SELECT * FROM public.artist
2 ORDER BY id ASC
```

The 'Data output' tab is active, displaying the results of the query in a table:

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

The status bar at the bottom indicates: 'Total rows: 3 of 3 Query complete 00:00:00.411' and a green message: 'Successfully run. Total query runtime: 411 msec. 3 rows affected.'

b) INSERT INTO album(id,title,artist_id)
VALUES (3,'LOVE IS GONE',3);

pgAdmin 4

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public.album/demoDB/postgres@PostgreSQL 14

Query

```
1 SELECT * FROM public.album
2 ORDER BY id ASC
```

Query History

Scratch Pad

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	LOVE IS GONE	3

Total rows: 3 of 3 Query complete 00:00:00.702

Successfully run. Total query runtime: 702 msec. 3 rows affected.

c) `SELECT album.title, artist.name, artist.id FROM album JOIN artist ON album.artist_id = artist.id;`

pgAdmin 4

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Query

```
1 rtist.name, artist.id FROM album JOIN artist ON album.artist_id = artist.id;
```

Query History

Scratch Pad

Data output Messages Notifications

	title character varying (128)	name character varying (128)	id integer
1	Who made who	AC/DC	2
2	IV	Led Zeppelin	1
3	LOVE IS GONE	Tamzimum Alam	3

Total rows: 3 of 3 Query complete 00:00:00.056

Ln 1, Col 98

d) `SELECT track.title,genre.name FROM track JOIN genre ON track.genre_id = genre.id;`

pgAdmin 4

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No limit

Query Query History Scratch Pad x

```
1 SELECT track.title,genre.name FROM track JOIN genre ON track.genre_id = genre.id;
```

Data output Messages Notifications

	title character varying (128)	name character varying (128)
1	Black Dog	ROCK
2	Stairway	ROCK
3	About to Rock	Metal
4	Who Made Who	Metal

Total rows: 4 of 4 Query complete 00:00:00.150 Ln 1, Col