

ACTIVITY 16: postgresSQL
STUDENT'S NAME: **Gaurav Kuwar**

a)

SQL statement:

```
INSERT INTO artist (id, name) VALUES  
(3, 'Gaurav Kuwar');
```

artist table screenshot:

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

b)

SQL statement:

```
INSERT INTO album (id, title, artist_id) VALUES  
(3, 'RUNAWAY', 3);
```

album table screenshot:

	id [PK] integer	title character varying (128)	artist_id integer
1	1	Who made who	2
2	2	IV	1
3	3	RUNAWAY	3

c)

SQL statement:

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

Join display between artist and album screenshot:

	title character varying (128) 🔒	name character varying (128) 🔒	id integer 🔒
1	Who made who	AC/DC	2
2	IV	Led Zeppelin	1
3	RUNAWAY	Gaurav Kuwar	3

d)

SQL statement:

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

Join display between track and genre screenshot:

	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