1. Lister les name et birthplace de tous les artists

```
lab6/postgres@PostgreSQL 14 ~
Query Editor    Query History
1    select name, birthplace from artists
```

Data Output   Explain   Messages   Notifications

	name [PK] character varying (20)	birthplace character varying (20)
1	Caravaggio	Milan
2	Picasso	Malaga
3	Leonardo	Florence
4	Michelangelo	Arezzo
5	Josefa	Seville
6	Hans Hofmann	Weisenburg
7	John	San Francisco

2. Lister le title et le price de toutes les artworks après 1600.

```
lab6/postgres@PostgreSQL 14 ~
Query Editor    Query History
1    select title, price from artworks WHERE year > 1600;
```

Data Output   Explain   Messages   Notifications

	title [PK] character varying (20)	price numeric (8,2)
1	Three Musicians	11000.00

3. Lister le title et le type de toutes les artworks qui ont été peintes en 2000 ou peintes par Picasso.

```
lab6/postgres@PostgreSQL 14 ~
Query Editor    Query History
1    SELECT title, type FROM artworks WHERE year = 2000 OR artist_name='Picasso';
```

Data Output   Explain   Messages   Notifications

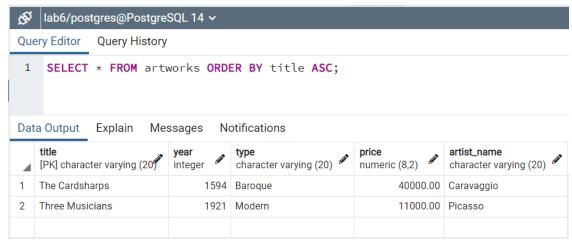|	title [PK] character varying (20)	type character varying (20)
1	Three Musicians	Modern

4. Lister les name et birthplace de tous les artists nés entre 1880 et 1930. (ASTUCE: EXTRACT(YEAR FROM dateofbirth) vous donne l'année à partir d'un attribut DATE)

```sql
SELECT name, birthplace FROM artists WHERE dateofbirth BETWEEN '1880-01-01' AND '1930-12-31';
```

name [PK] character varying (20)	birthplace character varying (20)
1 Picasso	Malaga
2 John	San Francisco

5. Lister les name et le country de naissance de tous les artists dont le style de peinture est Modern, Baroque or Renaissance. (ASTUCE: utilisez le mot-clé IN).

```sql
SELECT * FROM artists WHERE style IN ('Modern', 'Baroque', 'Renaissance');
```

	name [PK] character varying (20)	birthplace character varying (20)	style character varying (20)	dateofbirth date	country character varying (100)
1	Caravaggio	Milan	Baroque	1571-09-28	[null]
2	Leonardo	Florence	Renaissance	1452-04-15	Italy
3	Michelangelo	Arezzo	Renaissance	1475-06-03	Italy
4	Josefa	Seville	Baroque	1630-09-09	Spain
5	Hans Hofmann	Weisenburg	Modern	1966-02-17	Germany
6	John	San Francisco	Modern	1920-02-17	USA

6. Lister tous les détails des artworks dans la base de données, triés par title.

```sql
SELECT * FROM artworks ORDER BY title ASC;
```

	title [PK] character varying (20)	year integer	type character varying (20)	price numeric (8,2)	artist_name character varying (20)
1	The Cardsharps	1594	Baroque	40000.00	Caravaggio
2	Three Musicians	1921	Modern	11000.00	Picasso

7.Lister les name et les customer ids de tous les customers qui aiment Picasso.
IL NE SEMBLE PAS Y AVOIR UN LIEN ENTRE CUSTOMERS ET LES AUTRE TABLES

```
1    SELECT * FROM artworks;
```

Data Output   Explain   Messages   Notifications

title [PK] character varying (20)	year integer	type character varying (20)	price numeric (8,2)	artist_name character varying (20)
1	The Cardsharps	1594	Baroque	40000.00	Caravaggio
2	Three Musicians	1921	Modern	11000.00	Picasso

Query Editor   Query History

```
1    SELECT * FROM artists;
```

Data Output   Explain   Messages   Notifications

	name [PK] character varying (20)	birthplace character varying (20)	style character varying (20)	dateofbirth date	country character varying (100)
1	Caravaggio	Milan	Baroque	1571-09-28	[null]
2	Picasso	Malaga	Cubism	1881-10-25	[null]
3	Leonardo	Florence	Renaissance	1452-04-15	Italy
4	Michelangelo	Arezzo	Renaissance	1475-06-03	Italy
5	Josefa	Seville	Baroque	1630-09-09	Spain
6	Hans Hofmann	Weisenburg	Modern	1966-02-17	Germany
7	John	San Francisco	Modern	1920-02-17	USA

```
1    SELECT * FROM customers;
```

Data Output   Explain   Messages   Notifications

	id [PK] integer	name character varying (20)	address character varying (20)	amount numeric (8,2)	rating integer
1	2	Amy	Orleans	9.00	[null]
2	3	Peter	Gatineau	9.80	[null]
3	4	Emre	Preston	20000.00	5
4	5	Saeid	[null]	40000.00	6