

Q1

The screenshot shows the pgAdmin 4 interface. The left sidebar displays the database structure, including a schema named 'Lab6' with various objects like Aggregates, Collations, Domains, FTS Configurations, FTS Dictionaries, FTS Parsers, FTS Templates, Foreign Tables, Functions, Materialized Views, Operators, Procedures, Sequences, Tables, Trigger Functions, Types, and Views. The main pane is divided into 'Query Editor' and 'Query History'. The 'Query Editor' contains the following SQL code:

```
1 CREATE view q1 AS
2 SELECT name, birthplace
3 FROM artists;
4
5 SELECT*
6 FROM q1;
```

The 'Data Output' tab is active, showing the results of the query. The results are displayed in a table with two columns: 'name' and 'birthplace'. The data is as follows:

name	birthplace
1 Caravaggio	Milan
2 Smith	Ottawa
3 Picasso	Malaga

The bottom status bar shows the system time as 3:25 PM on 2022-03-07.

Q2

The screenshot shows the pgAdmin 4 interface. The left sidebar displays the database structure, including a schema named 'Lab6' with various objects like Aggregates, Collations, Domains, FTS Configurations, FTS Dictionaries, FTS Parsers, FTS Templates, Foreign Tables, Functions, Materialized Views, Operators, Procedures, Sequences, Tables, Trigger Functions, Types, and Views. The main pane is divided into 'Query Editor' and 'Query History'. The 'Query Editor' contains the following SQL code:

```
1 CREATE view q2 AS
2 SELECT title, price
3 FROM artworks
4 WHERE year > 1600;
5
6 SELECT*
7 FROM q2;
```

The 'Data Output' tab is active, showing the results of the query. The results are displayed in a table with two columns: 'title' and 'price'. The data is as follows:

title	price
1 Blue	10000.00

The bottom status bar shows the system time as 3:29 PM on 2022-03-07.

Q3

The screenshot shows the pgAdmin 4 interface. The left sidebar displays a tree view of databases, with 'Lab6' expanded. The main pane is divided into 'Query Editor' and 'Query History'. The 'Query Editor' contains the following SQL code:

```
1 CREATE view q3 AS
2 SELECT title, type
3 FROM artworks
4 WHERE year > 1600 or artist_name = 'Picasso';
5
6 SELECT*
7 FROM q3;
```

Below the query editor, the 'Data Output' tab is active, showing the results of the query in a table:

	title	type
1	Blue	Modern

The Windows taskbar at the bottom shows the system clock as 3:31 PM on 2022-03-07.

Q4

The screenshot shows the pgAdmin 4 interface. The left sidebar displays a tree view of databases, with 'Lab6' expanded. The main pane is divided into 'Query Editor' and 'Query History'. The 'Query Editor' contains the following SQL code:

```
1 CREATE view q4 AS
2 SELECT name, birthplace
3 FROM artists
4 WHERE Extract(YEAR From dateofbirth) > 1880 and Extract(YEAR From dateofbirth) <
5 1930;
6
7 SELECT*
8 FROM q4;
```

Below the query editor, the 'Data Output' tab is active, showing the results of the query in a table:

	name	birthplace
1	Picasso	Malaga

The Windows taskbar at the bottom shows the system clock as 3:37 PM on 2022-03-07.

Q5

The screenshot shows the pgAdmin 4 interface. The left sidebar displays a tree view of the database structure, including Schemas (3), Lab6, and University. The main pane is divided into a Query Editor and a Query History section. The Query Editor contains the following SQL code:

```
1 CREATE view q5 AS
2 SELECT name, birthplace
3 FROM artists
4 WHERE style = 'Modern' or style = 'Baroque' or style = 'Renaissance';
5
6 SELECT*
7 FROM q5;
```

Below the query editor, the Data Output tab is active, showing the results of the query. The results are displayed in a table with two columns: name and birthplace. The table contains two rows of data:

name	birthplace
1 Caravaggio	Milan
2 Smith	Ottawa

A status message at the bottom right indicates: "Successfully run. Total query runtime: 114 msec. 2 rows affected."

Q6

The screenshot shows the pgAdmin 4 interface. The left sidebar displays a tree view of the database structure, including Schemas (3), Lab6, and University. The main pane is divided into a Query Editor and a Query History section. The Query Editor contains the following SQL code:

```
1 SELECT*
2 FROM artworks
3 ORDER BY title;
```

Below the query editor, the Data Output tab is active, showing the results of the query. The results are displayed in a table with five columns: title, year, type, price, and artist_name. The table contains two rows of data:

title	year	type	price	artist_name
1 Blue	2000	Modern	10000.00	Smith
2 The Cardsharps	1594	Baroque	40000.00	Caravaggio