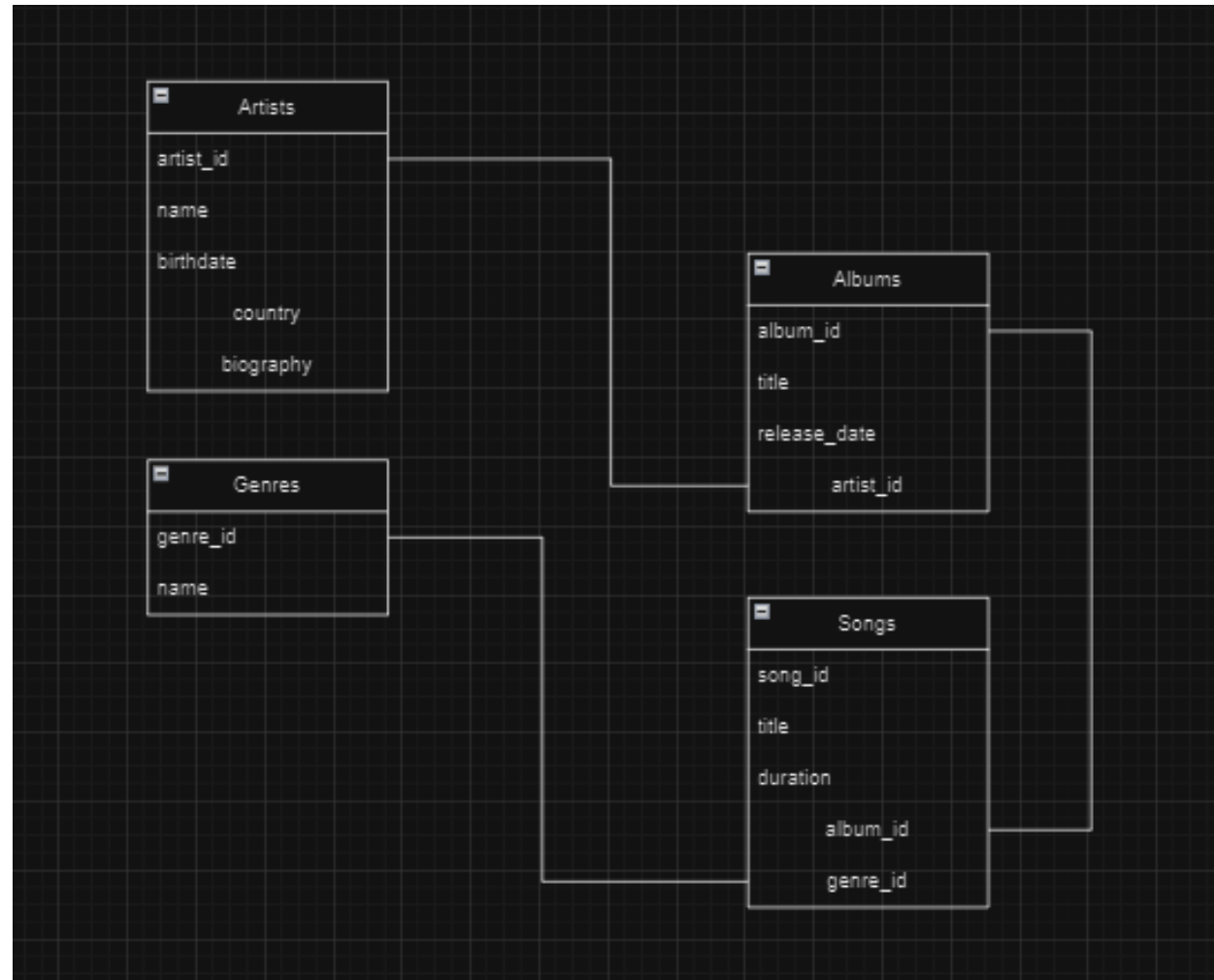
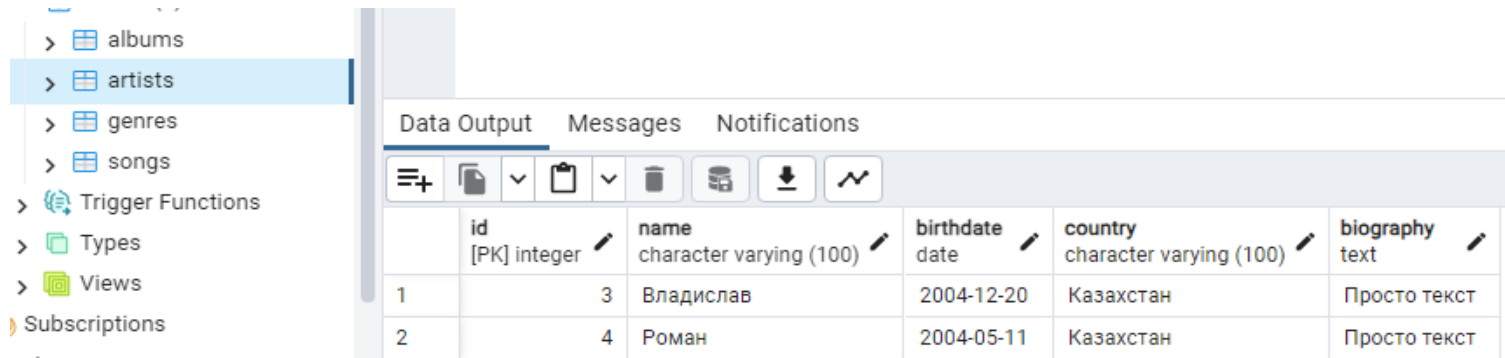


Лабораторная работа №7

- Основная схема

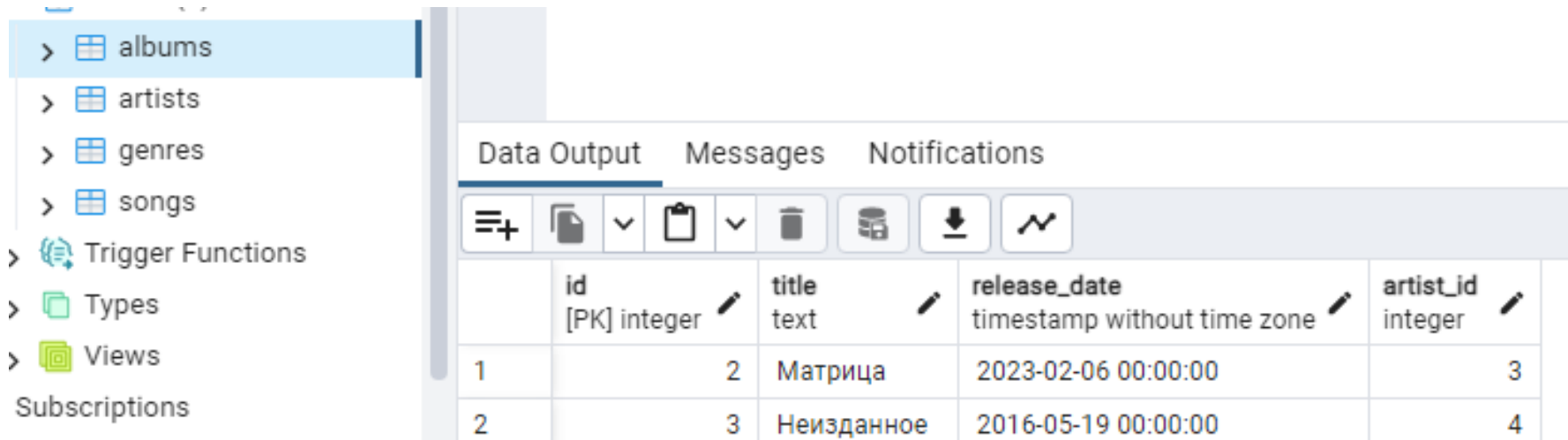


1 Таблица artists, связь: artists_id передается в таблицу albums



The screenshot shows a database management interface. On the left, a sidebar lists database objects: albums, artists, genres, songs, Trigger Functions, Types, Views, and Subscriptions. The 'artists' table is selected. The main panel displays the table's structure and data. The structure includes columns: id (PK integer), name (character varying (100)), birthdate (date), country (character varying (100)), and biography (text). The data table shows two records.

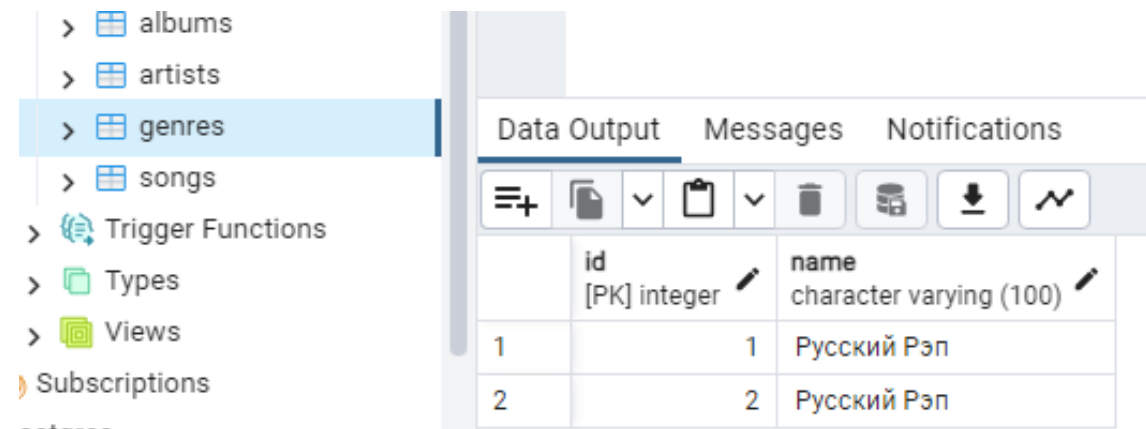
	id [PK] integer	name character varying (100)	birthdate date	country character varying (100)	biography text
1	3	Владислав	2004-12-20	Казахстан	Просто текст
2	4	Роман	2004-05-11	Казахстан	Просто текст



The screenshot shows the same database management interface, but with the 'albums' table selected. The main panel displays the table's structure and data. The structure includes columns: id (PK integer), title (text), release_date (timestamp without time zone), and artist_id (integer). The data table shows two records.

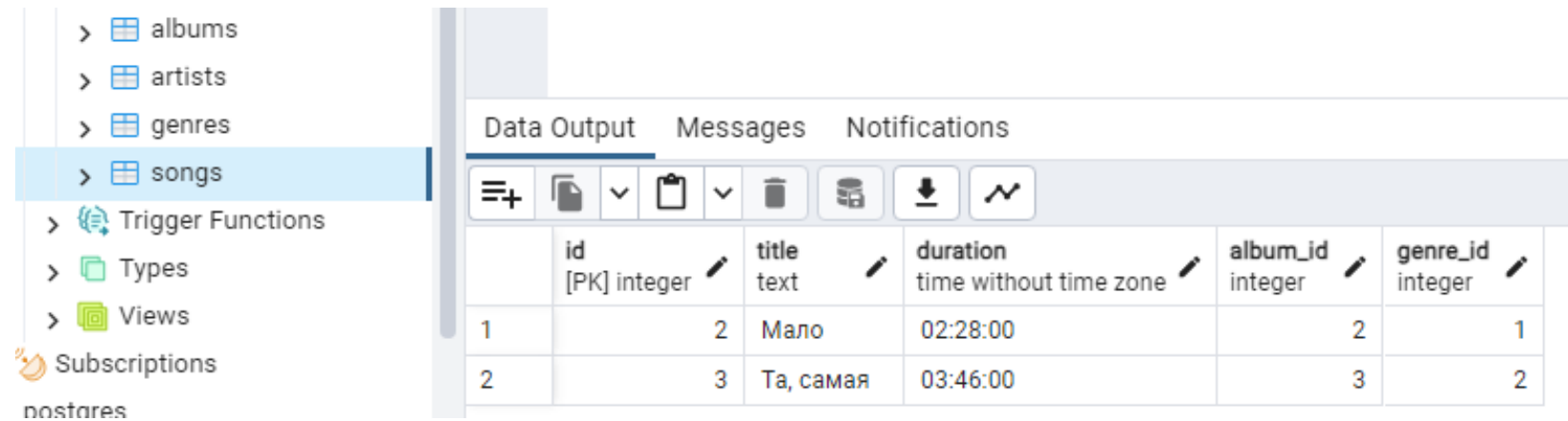
	id [PK] integer	title text	release_date timestamp without time zone	artist_id integer
1	2	Матрица	2023-02-06 00:00:00	3
2	3	Неизданное	2016-05-19 00:00:00	4

2 Таблица genres, связь: genre_id
передаётся в таблицу songs в genre_id



The screenshot shows a database management interface. In the left sidebar, the 'genres' table is selected. The main panel displays the 'Data Output' tab for the 'genres' table. The table has two columns: 'id' (integer, primary key) and 'name' (character varying (100)). There are two rows of data.

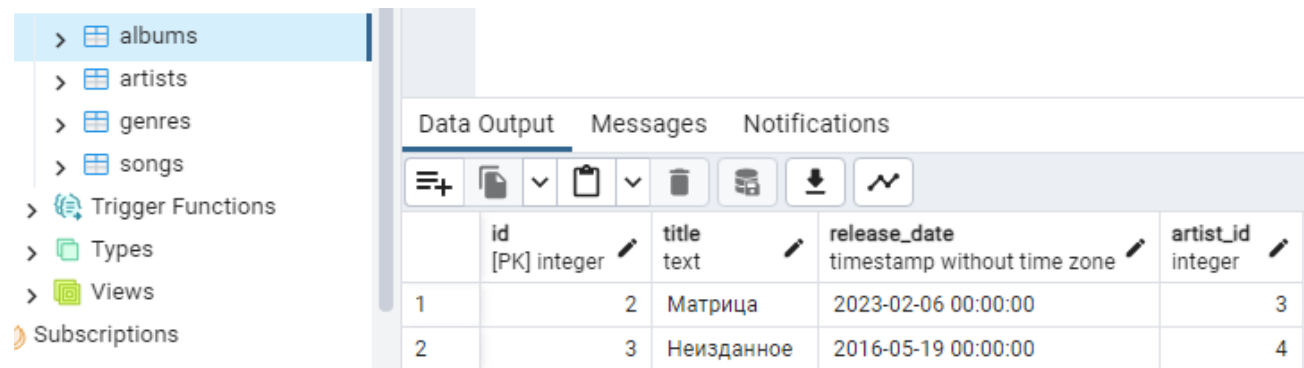
	id [PK] integer	name character varying (100)
1	1	Русский Рэп
2	2	Русский Рэп



The screenshot shows a database management interface. In the left sidebar, the 'songs' table is selected. The main panel displays the 'Data Output' tab for the 'songs' table. The table has six columns: 'id' (integer, primary key), 'title' (text), 'duration' (time without time zone), 'album_id' (integer), and 'genre_id' (integer). There are two rows of data.

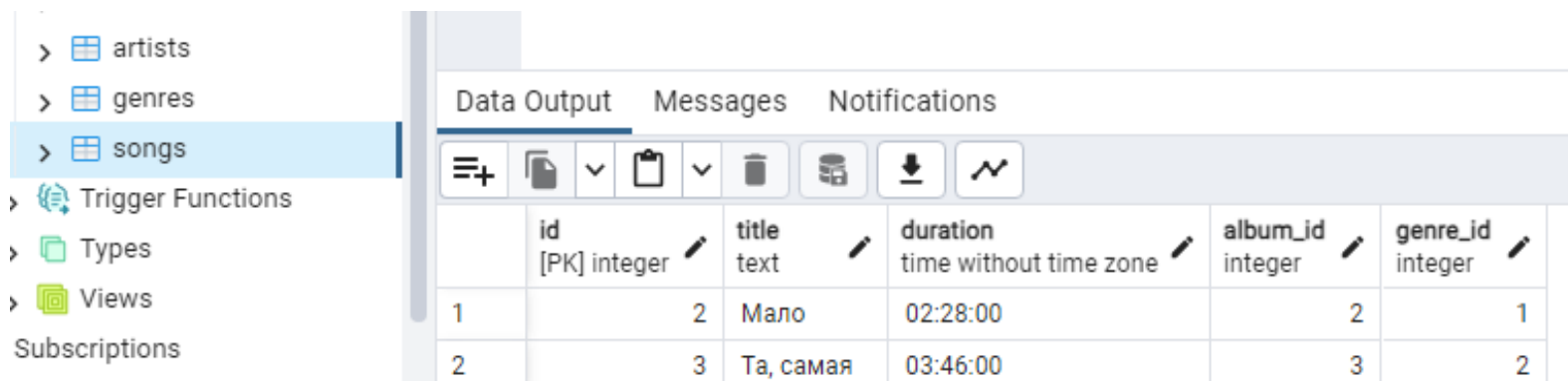
	id [PK] integer	title text	duration time without time zone	album_id integer	genre_id integer
1	2	Мало	02:28:00	2	1
2	3	Та, самая	03:46:00	3	2

3 Таблица Albums, связь: получает данные из таблицы artists в artist_id, данные album_id передаёт в таблицу songs в album_id



The screenshot shows a database management interface. On the left, a sidebar lists database objects: albums, artists, genres, songs, Trigger Functions, Types, Views, and Subscriptions. The 'albums' table is selected. The main panel displays the 'Data Output' tab for the 'albums' table. The table has four columns: id (PK integer), title (text), release_date (timestamp without time zone), and artist_id (integer). Two rows of data are shown.

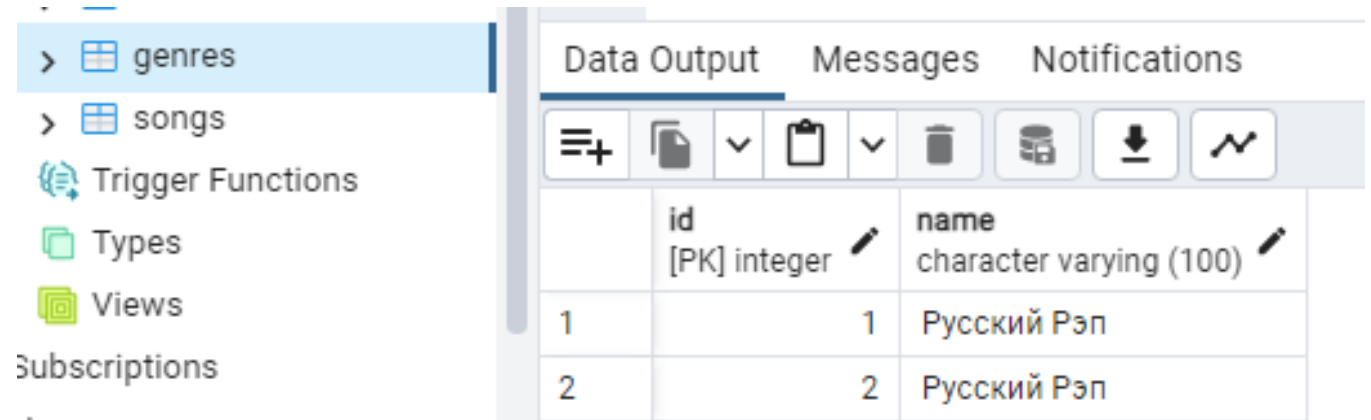
	id [PK] integer	title text	release_date timestamp without time zone	artist_id integer
1	2	Матрица	2023-02-06 00:00:00	3
2	3	Неизданное	2016-05-19 00:00:00	4



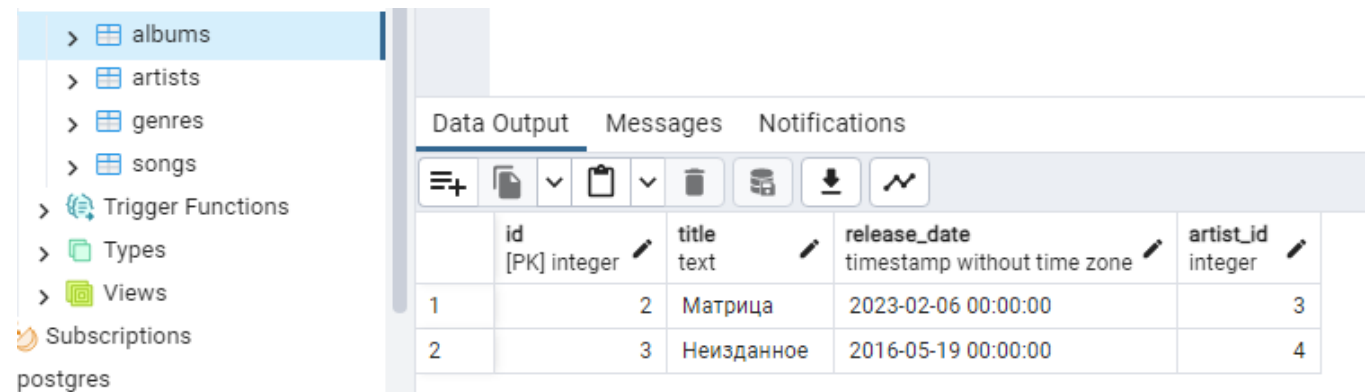
The screenshot shows the same database management interface, but now the 'songs' table is selected in the sidebar. The main panel displays the 'Data Output' tab for the 'songs' table. The table has six columns: id (PK integer), title (text), duration (time without time zone), album_id (integer), and genre_id (integer). Two rows of data are shown.

	id [PK] integer	title text	duration time without time zone	album_id integer	genre_id integer
1	2	Мало	02:28:00	2	1
2	3	Та, самая	03:46:00	3	2

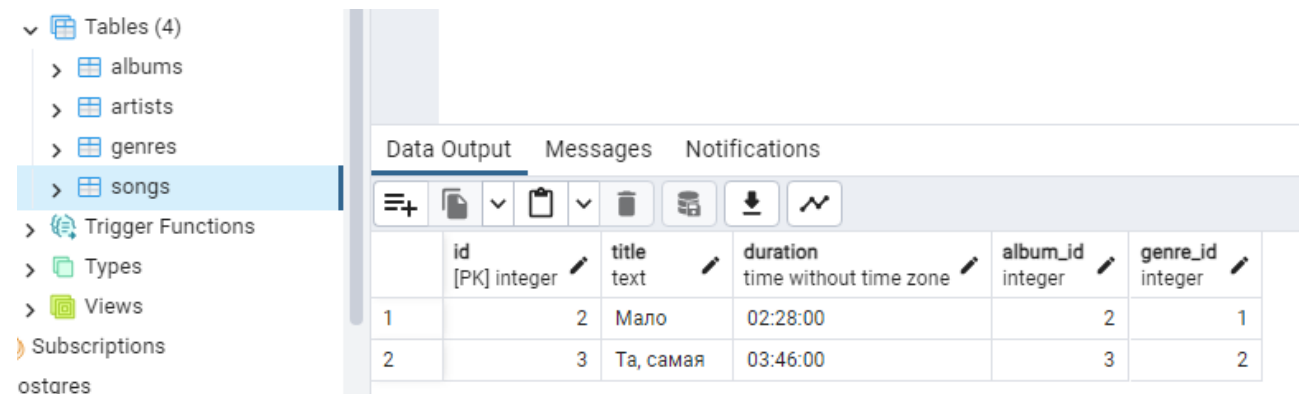
4 Таблица songs, связь: получает данные в genre_id из таблицы genres, album_id получает данные из таблицы albums



	id [PK] integer	name character varying (100)
1		Русский Рэп
2		Русский Рэп



	id [PK] integer	title text	release_date timestamp without time zone	artist_id integer
1	2	Матрица	2023-02-06 00:00:00	3
2	3	Неизданное	2016-05-19 00:00:00	4



	id [PK] integer	title text	duration time without time zone	album_id integer	genre_id integer
1	2	Мало	02:28:00	2	1
2	3	Та, самая	03:46:00	3	2