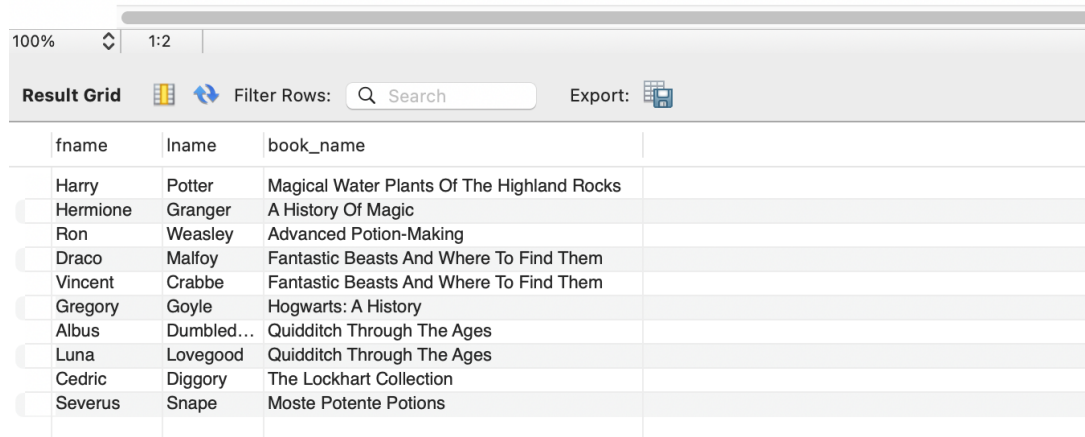


1. Выведите имя, фамилию персонажей и название книги, которая на них числится

```
3 • SELECT characters.fname, characters.lname, library.book_name FROM characters
4 JOIN library ON characters.char_id = library.char_id;
```



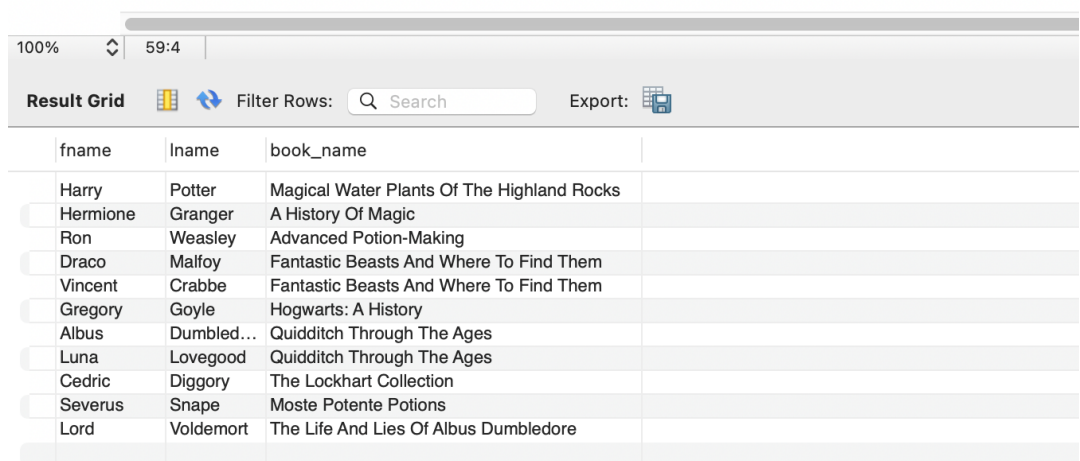
100% 1:2

Result Grid Filter Rows: Search Export:

	fname	lname	book_name
	Harry	Potter	Magical Water Plants Of The Highland Rocks
	Hermione	Granger	A History Of Magic
	Ron	Weasley	Advanced Potion-Making
	Draco	Malfoy	Fantastic Beasts And Where To Find Them
	Vincent	Crabbe	Fantastic Beasts And Where To Find Them
	Gregory	Goyle	Hogwarts: A History
	Albus	Dumbled...	Quidditch Through The Ages
	Luna	Lovegood	Quidditch Through The Ages
	Cedric	Diggory	The Lockhart Collection
	Severus	Snape	Moste Potente Potions

2. Выведите имя, фамилию персонажей и название книги, вне зависимости от того, есть ли у них книги или нет

```
3 • SELECT characters.fname, characters.lname, library.book_name FROM characters
4 LEFT JOIN library ON characters.char_id = library.char_id;
```



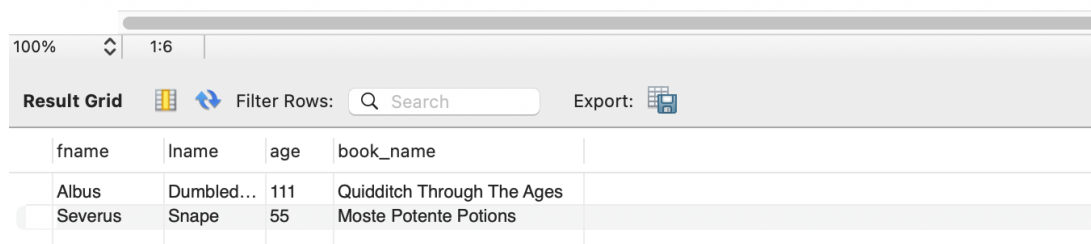
100% 59:4

Result Grid Filter Rows: Search Export:

	fname	lname	book_name
	Harry	Potter	Magical Water Plants Of The Highland Rocks
	Hermione	Granger	A History Of Magic
	Ron	Weasley	Advanced Potion-Making
	Draco	Malfoy	Fantastic Beasts And Where To Find Them
	Vincent	Crabbe	Fantastic Beasts And Where To Find Them
	Gregory	Goyle	Hogwarts: A History
	Albus	Dumbled...	Quidditch Through The Ages
	Luna	Lovegood	Quidditch Through The Ages
	Cedric	Diggory	The Lockhart Collection
	Severus	Snape	Moste Potente Potions
	Lord	Voldemort	The Life And Lies Of Albus Dumbledore

3. Выведите имя, фамилию, возраст персонажей и название книги, которая на них числится, при условии, что все владельцы книг должны быть старше 15 лет

```
3 • SELECT characters.fname, characters.lname, characters.age, library.book_name
4 FROM characters
5 JOIN library ON library.char_id = characters.char_id
6 WHERE characters.age > 15;
```



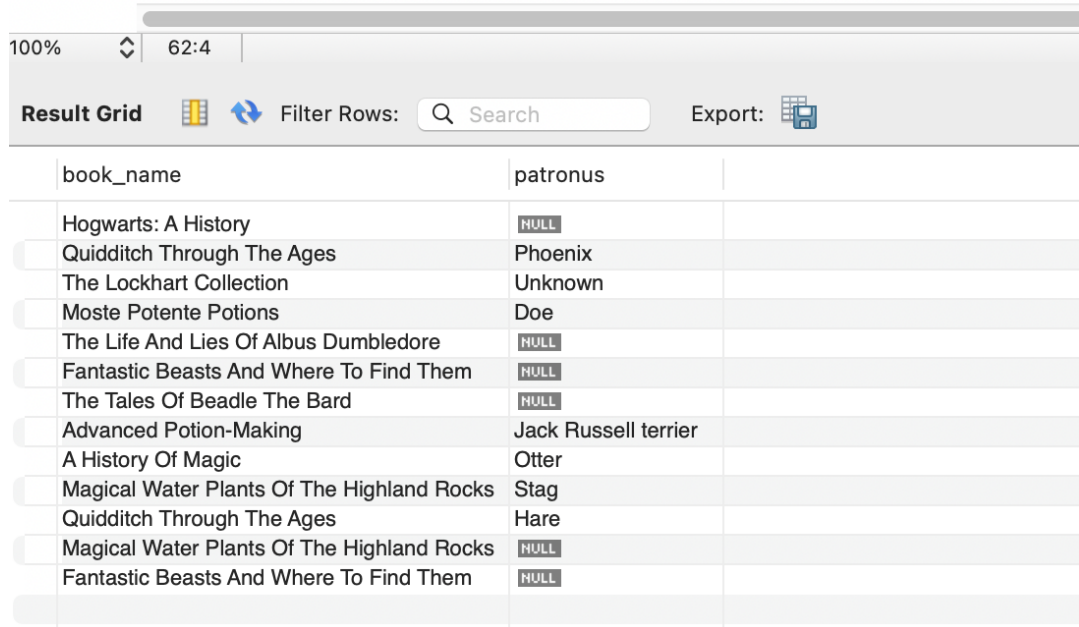
100% 1:6

Result Grid Filter Rows: Search Export:

	fname	lname	age	book_name
	Albus	Dumbled...	111	Quidditch Through The Ages
	Severus	Snape	55	Moste Potente Potions

4. Выведите название книги и имя патронуса, вне зависимости от того, есть ли информация о держателе книги в таблице или нет

```
3 • SELECT library.book_name, characters.patronus FROM library
4 LEFT JOIN characters ON library.char_id = characters.char_id;
```



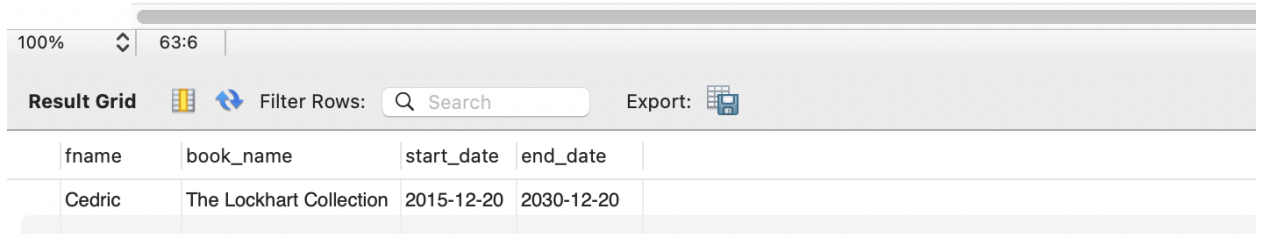
100% 62:4

Result Grid Filter Rows: Search Export:

book_name	patronus
Hogwarts: A History	NULL
Quidditch Through The Ages	Phoenix
The Lockhart Collection	Unknown
Moste Potente Potions	Doe
The Life And Lies Of Albus Dumbledore	NULL
Fantastic Beasts And Where To Find Them	NULL
The Tales Of Beadle The Bard	NULL
Advanced Potion-Making	Jack Russell terrier
A History Of Magic	Otter
Magical Water Plants Of The Highland Rocks	Stag
Quidditch Through The Ages	Hare
Magical Water Plants Of The Highland Rocks	NULL
Fantastic Beasts And Where To Find Them	NULL

5. Выведите имя персонажа, название книги, дату выдачи и дату завершения, при условии, что он младше 15 лет и его патронус неизвестен

```
3 • SELECT characters.fname, library.book_name, library.start_date , library.end_date
4 FROM characters
5 JOIN library ON library.char_id = characters.char_id
6 WHERE characters.age < 15 AND characters.patronus = 'Unknown';
```



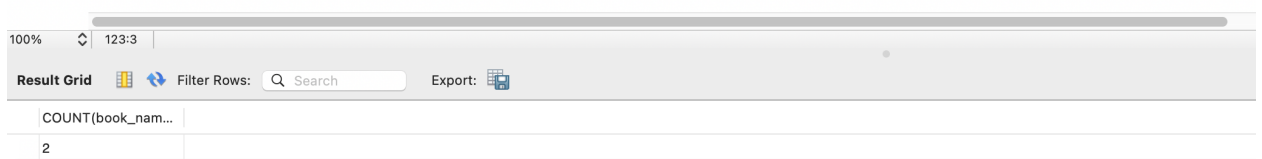
100% 63:6

Result Grid Filter Rows: Search Export:

fname	book_name	start_date	end_date
Cedric	The Lockhart Collection	2015-12-20	2030-12-20

6. Используя вложенный запрос количество книг, у которых end\_date больше, чем end\_date у Hermione

```
2 • SELECT COUNT(book_name) FROM library
3 WHERE end_date > (SELECT end_date FROM library WHERE char_id = (SELECT char_id FROM characters WHERE fname = 'Hermione'));
```



100% 123:3




Result Grid Filter Rows: Search Export:

COUNT(book_name)
2

7. С помощью вложенного запроса выведите имена всех патронусов, у которых владельцы старше возраста персонажа, у которого патронус Unknown

3 • **SELECT** patronus **FROM** characters

4 **WHERE** age > (**SELECT** age **FROM** characters **WHERE** patronus = 'Unknown');

100%	1:4
<b>Result Grid</b>   Filter Rows: <input type="text" value="Search"/> Export: 	
patronus	
Phoenix	
Doe	