

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

4 • `select characters.fname, characters.lname, library.book_name from characters inner join library on characters.char_id = library.char_id;`

5

6

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	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	Dumbledore	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

4 • `select characters.fname, characters.lname, library.book_name from characters left join library on characters.char_id = library.char_id;`

5

6

Result Grid | Filter Rows: | Export: | Wrap Cell Content: |

	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	Dumbledore	Quidditch Through The Ages
	Luna	Lovegood	Quidditch Through The Ages
	Cedric	Diggory	The Lockhart Collection
	Severus	Snape	Moste Potente Potions

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

```

3
4 • select characters.patronus, library.book_name from characters right join library on characters.char_id = library.char_id;
5
6

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [↗](#)

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

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

```

4 • select characters.fname, characters.lname, characters.age, library.book_name from characters left join library on characters.char_id = library.char_id where characters.age>15;
5
6

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [↗](#)

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

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

```

4 • select characters.fname, characters.lname, characters.age, library.book_name from characters left join library on characters.char_id = library.char_id
5 where characters.age<15 and characters.patronus = 'unknown';
6
7

```

Result Grid | Filter Rows: | Export: | Wrap Cell Content: [↗](#)

fname	lname	age	book_name
Cedric	Diggory	14	The Lockhart Collection

6. Используя вложенный запрос количество книг, у которых end_date больше, чем end_date у Hermione

7

```
select * from library where end_date in (select end_date from library where end_date > '2022-12-20');
```

Result Grid Filter Rows: Edit: Export/Import: Wrap Cell Content:

	lib_id	char_id	book_name	start_date	end_date	book_id
▶	3	9	The Lockhart Collection	2015-12-20	2030-12-20	3
	5	11	The Life And Lies Of Albus Dumbledore	2018-07-20	2028-07-20	5
*	NULL	NULL	NULL	NULL	NULL	NULL

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

```
select patronus from characters where age in (select age from characters where age > '14');
```

Result Grid Filter Rows: Export: Wrap Cell Content:

	patronus
▶	Phoenix
	Doe