


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


Query 1


Limit to 1000 rows


```
1 • SELECT characters.fname, characters.lname, library.book_name
2 FROM characters
3 INNER JOIN library
4 ON characters.char_id = library.char_id;
5
```

<

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


Query 1




```
1 • SELECT characters.fname, characters.lname, library.book_name
2 FROM characters
3 LEFT JOIN library
4 ON characters.char_id = library.char_id;
5
```

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 патрона, вне зависимости от того, есть ли информация о держателе книги в таблице или нет


Query 1


Limit to 1000 rows

```
1 • select library.book_name, characters.patronus
2   from characters
3  right join library
4  on characters.char_id = library.char_id;
```

<

Result Grid

Filter Rows:

Export: 

Wrap Cell

	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

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

Query 1

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

Result Grid

	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

Limit to 1000 rows

```
1 ✖ SELECT characters.fname, library.book_name, library.start_date, library.end_date
2 FROM characters
3 INNER JOIN library
4 ON characters.char_id = library.char_id
5 where age < 15 and patronus is null or patronus = 'Unknown';
6
7
```

Result Grid

	fname	book_name	start_date	end_date
▶	Draco	Fantastic Beasts And Where To Find Them	2010-10-20	2020-10-20
	Vincent	Fantastic Beasts And Where To Find Them	2006-06-20	2010-00-20
	Gregory	Hogwarts: A History	2010-10-20	2020-10-20
	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

Query 1 x

Limit to 1000 rows

```
1 • select count(end_date)
2   from library
3   where end_date > (select library.end_date from characters
4   join library
5   on characters.char_id = library.char_id
6   where characters.fname = 'Hermione');
```

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

	count(end_date)
▶	2

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

Limit to 1000 rows

```
1 • select patronus
2   from characters
3   where characters.age > (select age from characters
4   where patronus = 'Unknown');
```

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

	patronus
▶	Phoenix
	Doe