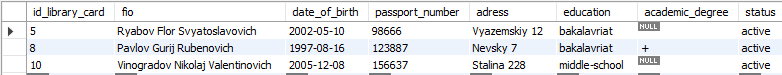
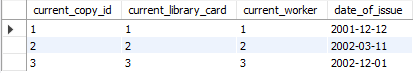
1. Найти читателей, которые родились в промежуток между '1997-08-16' и '2006-01-01', и чьи билеты активны в системе.

**select \* from reader WHERE (date\_of\_birth between '1997-08-16' and '2006-01-01') AND status = 'active';**

****

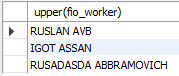
1. Найти выдачи книг, которые происходили более 30 дней назад.

**select \* from issue\_of\_book where datediff(now(), date\_of\_issue) > 30;**

****

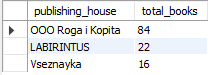
1. Вывести ФИО рабочих заглавными буквами.

**select upper(fio\_worker) from worker;**

****

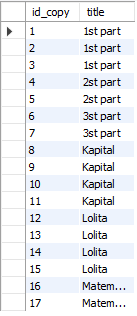
1. Вывод списка издателей с количеством копий в наличии в порядке убывания.

**select publishing\_house, sum(number\_of\_copies) as total\_books from books group by publishing\_house order by total\_books desc;**

****

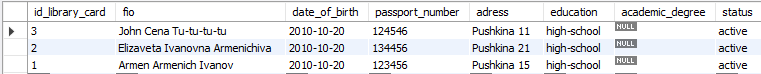
1. Вывод списка копий в наличии с названиями книг.

**select copy\_of\_book.id\_copy, books.title FROM copy\_of\_book LEFT JOIN books ON books.id\_book = copy\_of\_book.books\_id\_book;**

****

1. Вывод данных о читателях, которые брали книги после 2021-09-03.

**select \* from reader where id\_library\_card = ANY(select reader\_id\_library\_card from issue\_of\_book where date\_of\_issue > '2021-09-03');**

****

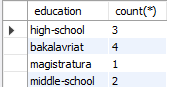
1. Вывод данных о взятии книг с ФИО читателей и датой.

**select fio, titles, date\_of\_issue from reader INNER JOIN (select reader\_id\_library\_card as card\_number, date\_of\_issue, titles from issue\_of\_book INNER JOIN (select copy\_of\_book.id\_copy as copies, books.title as titles FROM copy\_of\_book LEFT JOIN books ON books.id\_book = copy\_of\_book.books\_id\_book) as tab ON issue\_of\_book.copy\_of\_book\_id\_copy = copies ORDER BY card\_number) as tab1 ON card\_number = id\_library\_card;**

****

1. Количество различных степеней образования среди читателей.

**select education, count(\*) from reader group by education;**

****

1. Вывод последнего внесенного в базу читателя.

**select fio from reader where id\_library\_card = any(select max(id\_library\_card) from reader);**

****

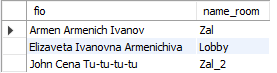
1. Вывод книг в библиотеке с более 20 копиями.

**select id\_book, title, number\_of\_copies FROM books GROUP BY number\_of\_copies HAVING number\_of\_copies > 20;**

****

1. Вывод прикрепленных читателей с названием зала, в котором они прикреплены.

**select fio, name\_room FROM reader INNER JOIN (select id\_attachment, date\_attachment, name\_room, reader\_id\_library\_card FROM attachment\_in\_room LEFT JOIN reading\_rooms ON id\_attachment = id\_room) as tab ON id\_library\_card = reader\_id\_library\_card;**

****