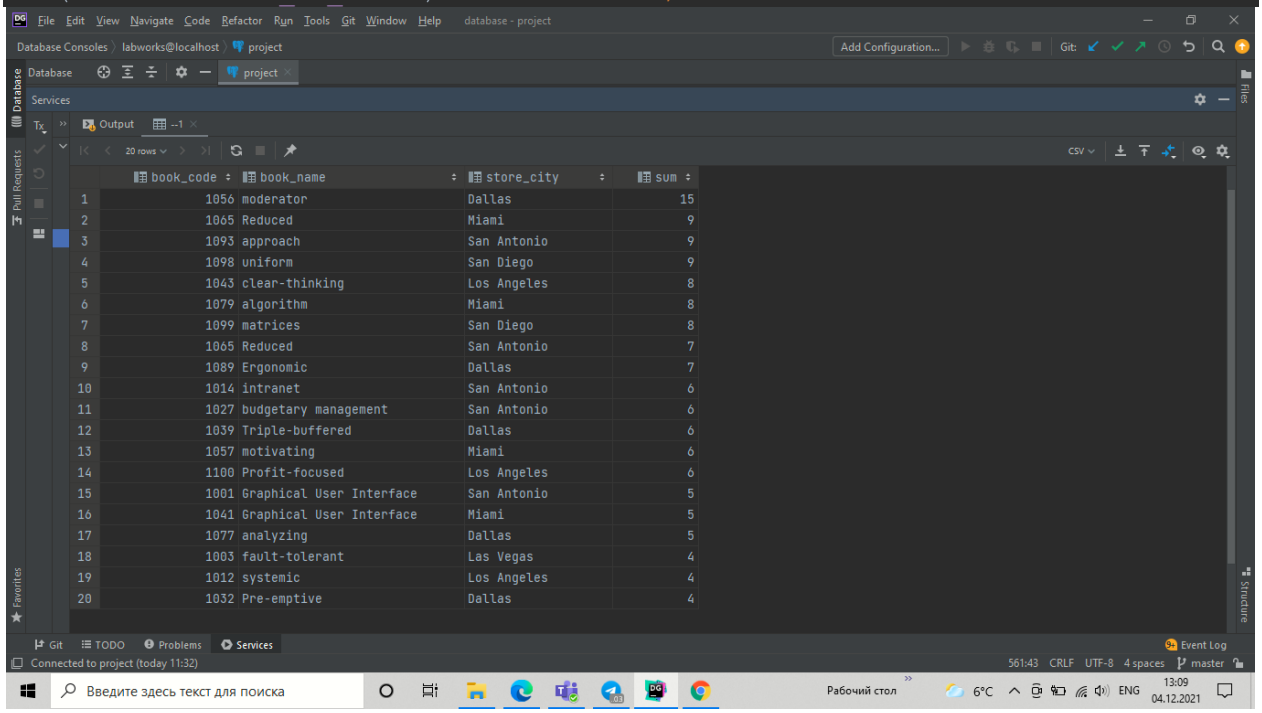
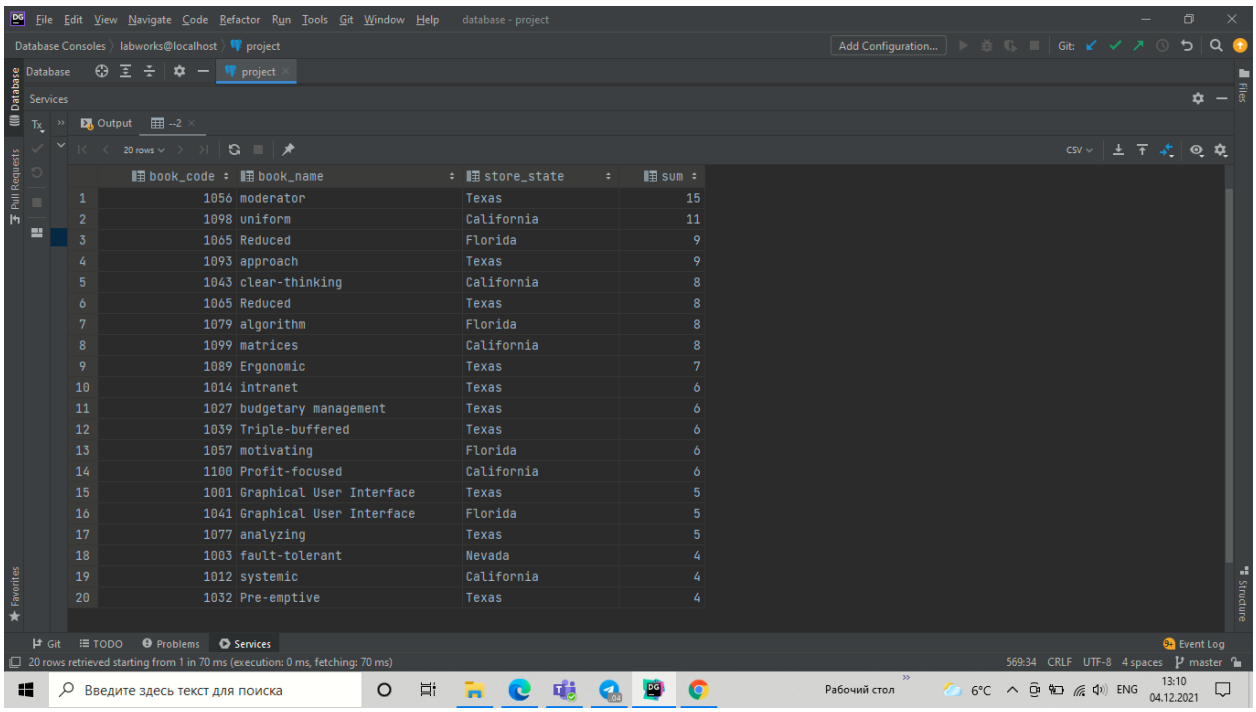
```
select distinct orders.book_code, books.book_name, store.store_city,
sum(orders.number_of_books) as sum
from books,  orders, store, customer_order
where books.book_code = orders.book_code and customer_order.order_id =
orders.order_id
and store.store_id = customer_order.store_id
group by books.book_name, orders.book_code, store.store_city order by
sum(orders.number_of_books) desc limit 20;
```



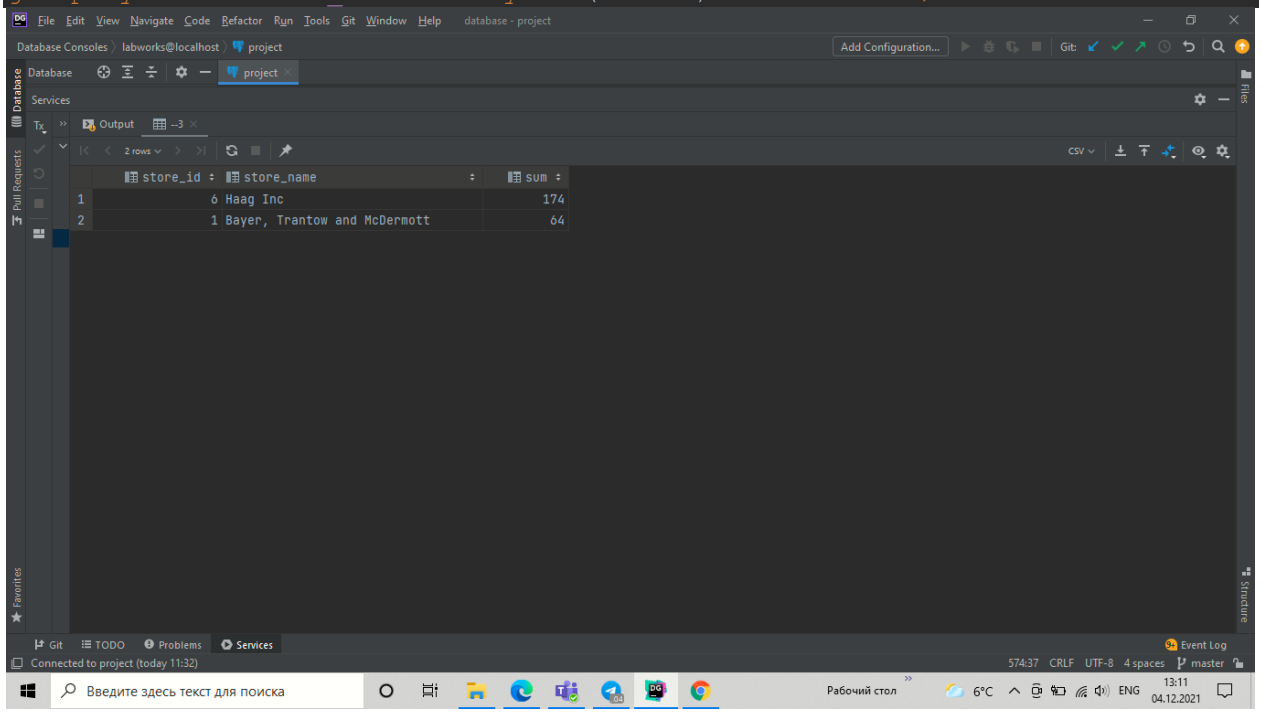
	book_code	book_name	store_city	sum
1	1056	moderator	Dallas	15
2	1065	Reduced	Miami	9
3	1093	approach	San Antonio	9
4	1098	uniform	San Diego	9
5	1043	clear-thinking	Los Angeles	8
6	1079	algorithm	Miami	8
7	1099	matrices	San Diego	8
8	1065	Reduced	San Antonio	7
9	1089	Ergonomic	Dallas	7
10	1014	intranet	San Antonio	6
11	1027	budgetary management	San Antonio	6
12	1039	Triple-buffered	Dallas	6
13	1057	motivating	Miami	6
14	1100	Profit-focused	Los Angeles	6
15	1001	Graphical User Interface	San Antonio	5
16	1041	Graphical User Interface	Miami	5
17	1077	analyzing	Dallas	5
18	1003	fault-tolerant	Las Vegas	4
19	1012	systemic	Los Angeles	4
20	1032	Pre-emptive	Dallas	4

```
--2
select distinct orders.book_code, books.book_name, store.store_state,
sum(orders.number_of_books) as sum
from books,  orders, store, customer_order
where books.book_code = orders.book_code and customer_order.order_id =
orders.order_id
and store.store_id = customer_order.store_id
group by books.book_name, orders.book_code, store.store_state order by
sum(orders.number_of_books) desc limit 20;
```



	book_code	book_name	store_state	sum
1	1056	moderator	Texas	15
2	1098	uniform	California	11
3	1065	Reduced	Florida	9
4	1093	approach	Texas	9
5	1043	clear-thinking	California	8
6	1065	Reduced	Texas	8
7	1079	algorithm	Florida	8
8	1099	matrices	California	8
9	1089	Ergonomic	Texas	7
10	1014	intranet	Texas	6
11	1027	budgetary management	Texas	6
12	1039	Triple-buffered	Texas	6
13	1057	motivating	Florida	6
14	1100	Profit-focused	California	6
15	1001	Graphical User Interface	Texas	5
16	1041	Graphical User Interface	Florida	5
17	1077	analyzing	Texas	5
18	1003	fault-tolerant	Nevada	4
19	1012	systemic	California	4
20	1032	Pre-emptive	Texas	4

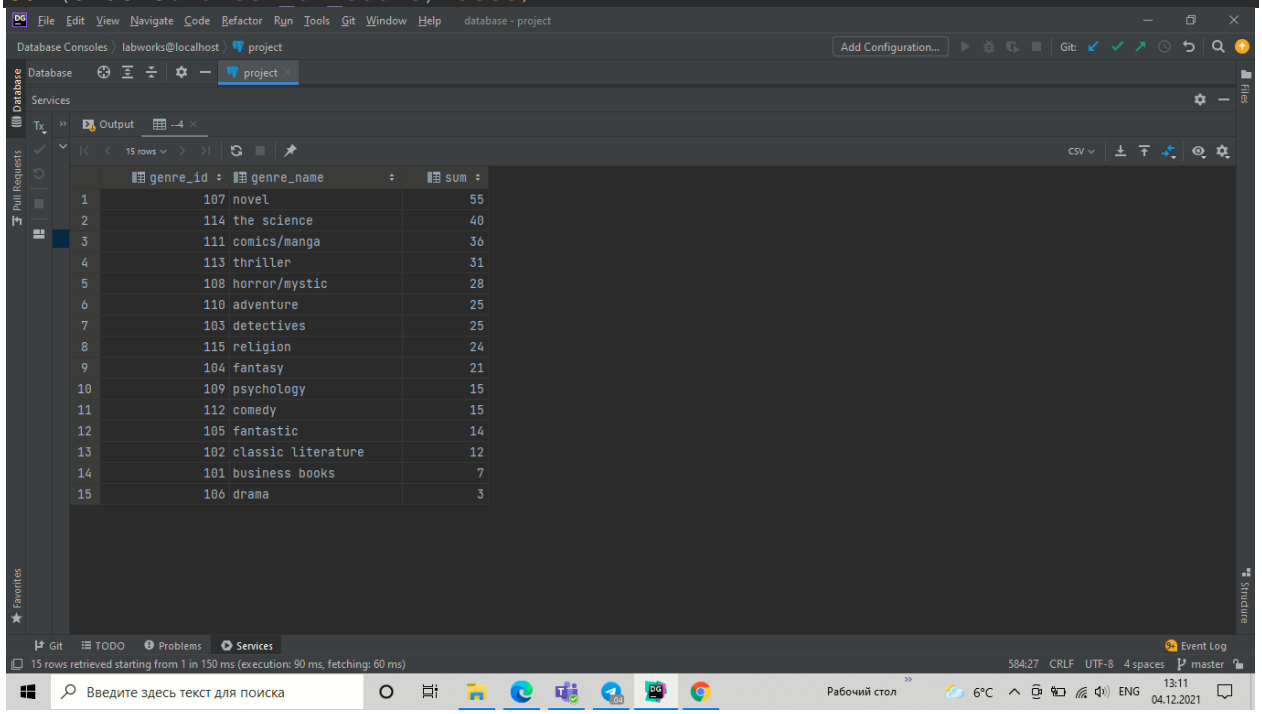
```sql
--3
select store.store_id, store.store_name, sum(amount) as sum
from store, orders, customer_order
where customer_order.store_id = store.store_id and customer_order.order_id =
orders.order_id
and customer_order.date_order > '31/12/2020'
group by store.store_id order by sum(amount) desc limit 5;
```



	store_id	store_name	sum
1	6	Haag Inc	174
2	1	Bayer, Trantow and McDermott	64

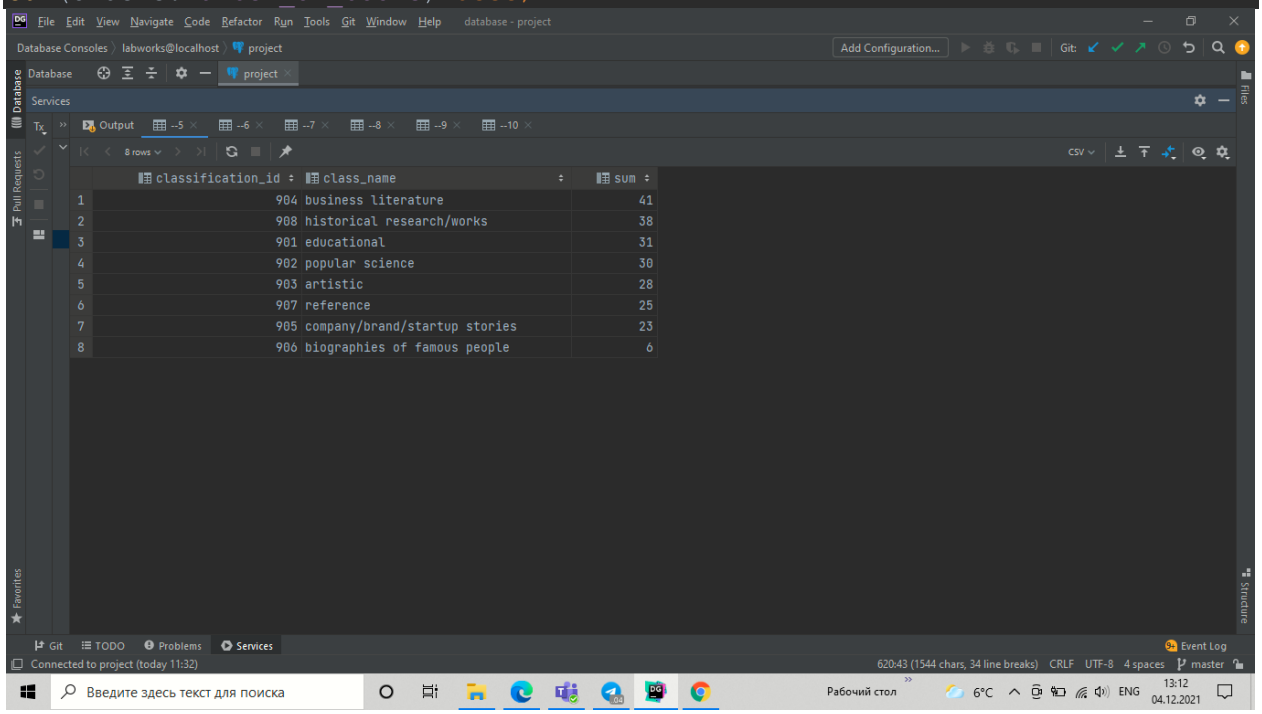
```sql
--4
select genre.genre_id, genre.genre_name, sum(orders.number_of_books) as sum
from genre, orders, books, book_genre
where genre.genre_id = book_genre.genre_id and book_genre.book_code =
books.book_code and books.book_code = orders.book_code
```

```
group by genre.genre_id, genre.genre_name order by
sum(orders.number_of_books) desc;
```



	genre_id	genre_name	sum
1	107	novel	55
2	114	the science	40
3	111	comics/manga	36
4	113	thriller	31
5	108	horror/mystic	28
6	110	adventure	25
7	103	detectives	25
8	115	religion	24
9	104	fantasy	21
10	109	psychology	15
11	112	comedy	15
12	105	fantastic	14
13	102	classic literature	12
14	101	business books	7
15	106	drama	3

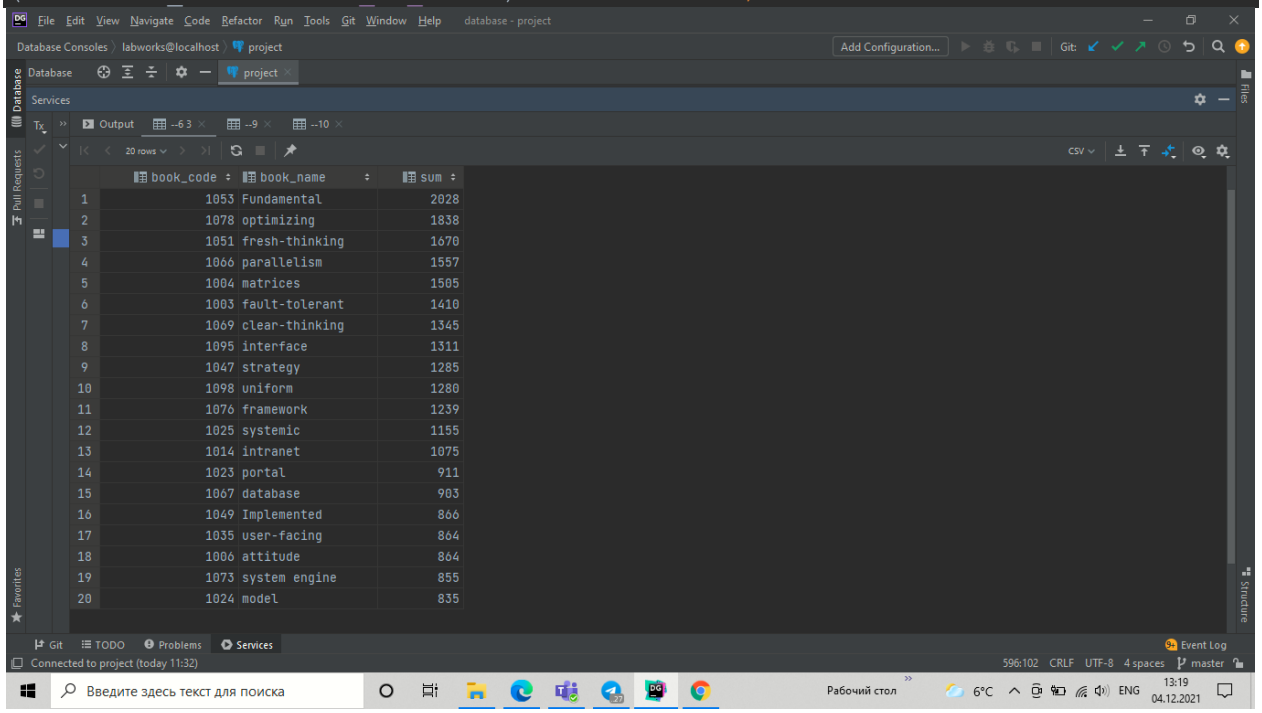
```
--5
select classification.classification_id, classification.class_name,
sum(orders.number_of_books)
from classification, books, orders
where classification.classification_id = books.classification_id and
books.book_code = orders.book_code
group by classification.classification_id, classification.class_name order by
sum(orders.number_of_books) desc;
```



	classification_id	class_name	sum
1	904	business literature	41
2	908	historical research/works	38
3	901	educational	31
4	902	popular science	30
5	903	artistic	28
6	907	reference	25
7	905	company/brand/startup stories	23
8	906	biographies of famous people	6

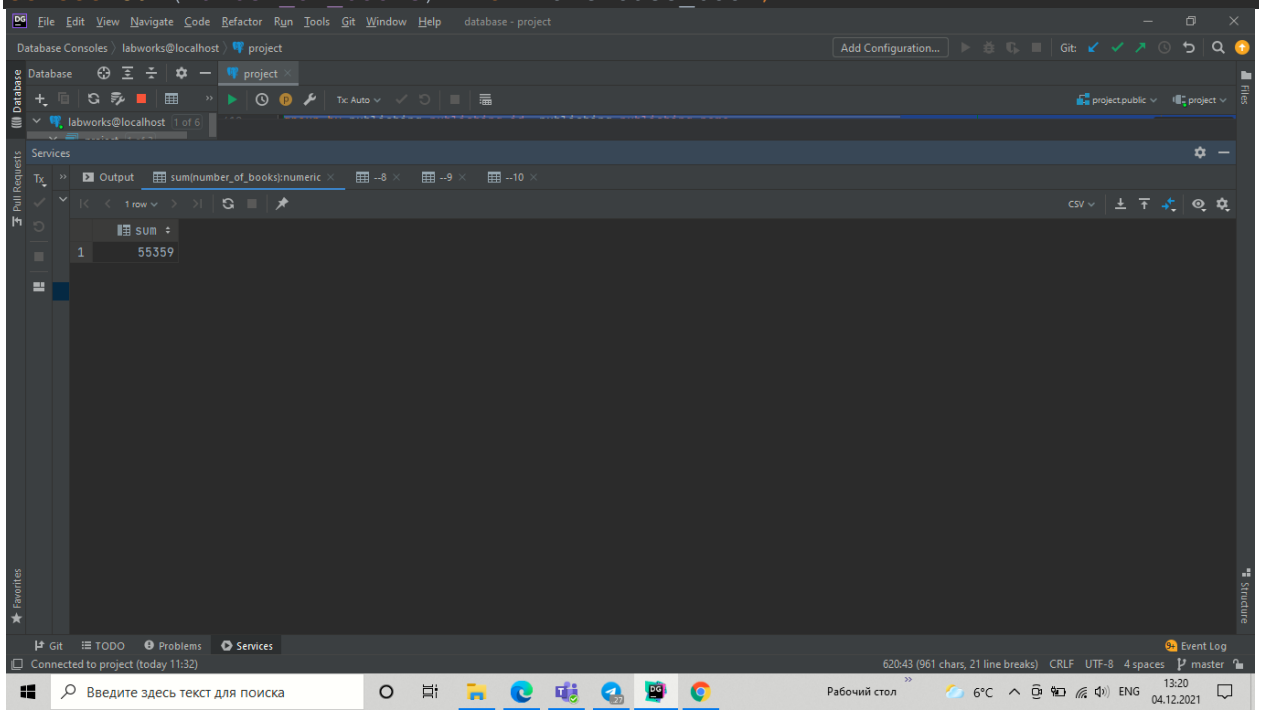
```
--6
select books.book_code, books.book_name, sum (warehouse_book.number_of_books)
```

```
from books, warehouse_book
where warehouse_book.book_code = books.book_code
group by books.book_code, books.book_name order by sum
(warehouse_book.number_of_books) desc limit 20;
```



	book_code	book_name	sum
1	1053	Fundamental	2028
2	1078	optimizing	1838
3	1051	fresh-thinking	1670
4	1066	parallelism	1557
5	1004	matrices	1505
6	1003	fault-tolerant	1410
7	1069	clear-thinking	1345
8	1095	interface	1311
9	1047	strategy	1285
10	1098	uniform	1280
11	1076	framework	1239
12	1025	systemic	1155
13	1014	intranet	1075
14	1023	portal	911
15	1067	database	903
16	1049	Implemented	866
17	1035	user-facing	864
18	1006	attitude	864
19	1073	system engine	855
20	1024	model	835

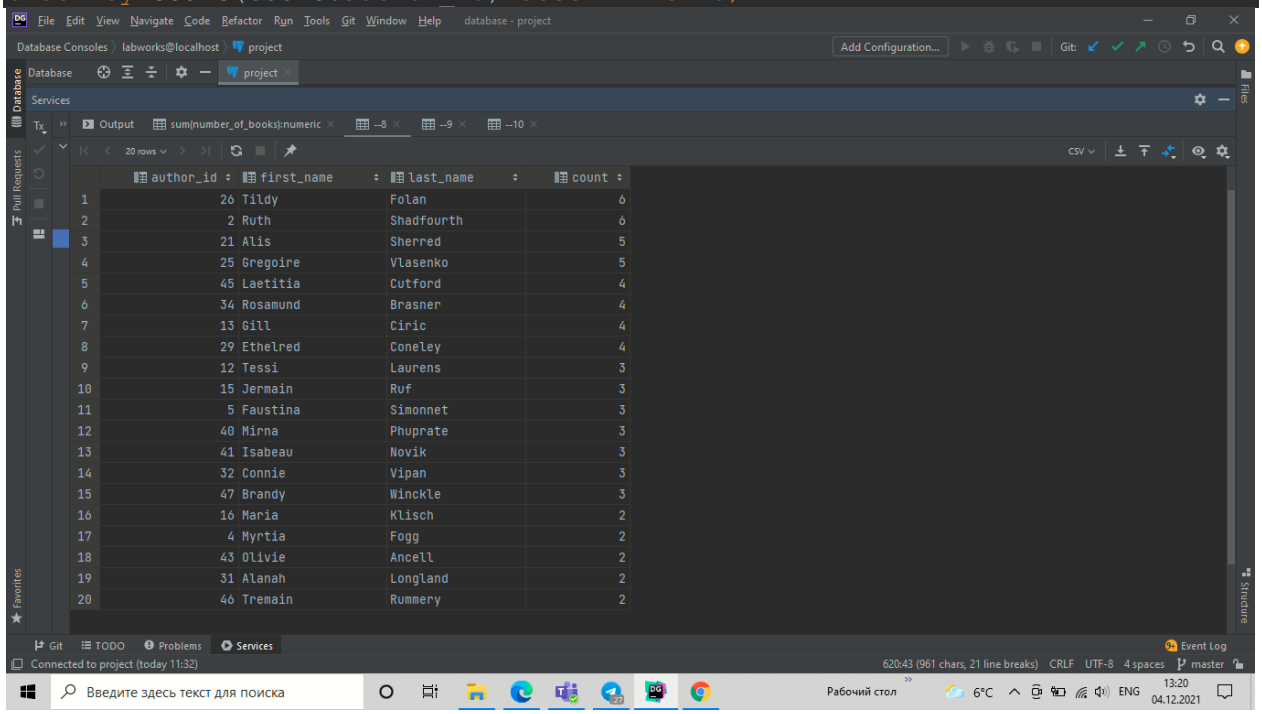
```
--7
select sum(number_of_books) from warehouse_book;
```



	sum
1	55359

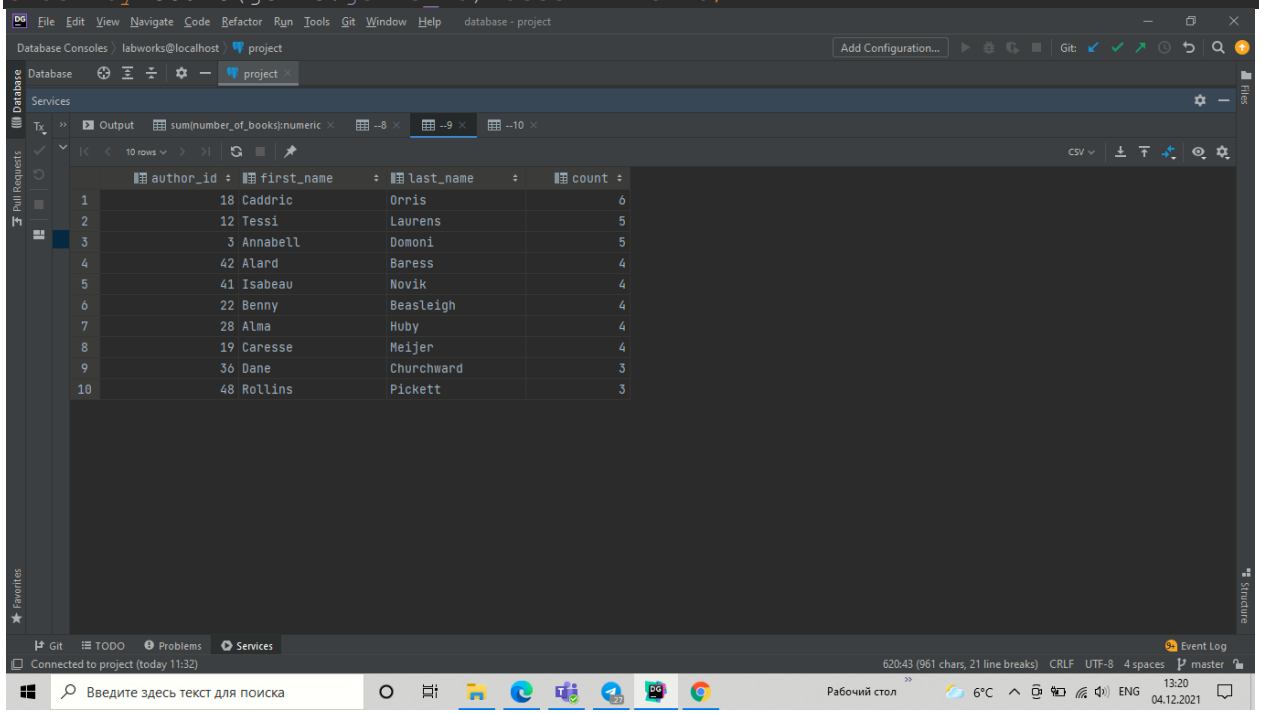
```
--8
select author.author_id, author.first_name, author.last_name,
count(books.author_id)
from author, books
where author.author_id = books.author_id
```

```
group by author.author_id, author.first_name, author.last_name
order by count(books.author_id) desc limit 20;
```



	author_id	first_name	last_name	count
1	26	Tildy	Folan	6
2	2	Ruth	Shadfourth	6
3	21	Alis	Sherred	5
4	25	Gregoire	Vlasenko	5
5	45	Laetitia	Cutford	4
6	34	Rosamund	Brasner	4
7	13	Gill	Ciric	4
8	29	Ethelred	Coneley	4
9	12	Tessi	Laurens	3
10	15	Jermain	Ruf	3
11	5	Faustina	Simonnet	3
12	40	Mirna	Phuprate	3
13	41	Isabeau	Novik	3
14	32	Connie	Vipan	3
15	47	Brandy	Winckle	3
16	16	Maria	Klisch	2
17	4	Myrtia	Fogg	2
18	43	Olivie	Ancell	2
19	31	Alanah	Longland	2
20	46	Tremain	Rummery	2

```
--9
select author.author_id, author.first_name, author.last_name,
count(genre.genre_id)
from author, author_genre, genre
where author.author_id = author_genre.author_id and author_genre.genre_id =
genre.genre_id
group by  author.author_id, author.first_name, author.last_name
order by count(genre.genre_id) desc limit 10;
```



	author_id	first_name	last_name	count
1	18	Caddric	Orris	6
2	12	Tessi	Laurens	5
3	3	Annabell	Domoni	5
4	42	Alard	Baress	4
5	41	Isabeau	Novik	4
6	22	Benny	Beasleigh	4
7	28	Alma	Huby	4
8	19	Caresse	Meijer	4
9	36	Dane	Churchward	3
10	48	Rollins	Pickett	3

```
--10
```

```sql
select publishing.publishing_id, publishing.publishing_name,
sum(orders.number_of_books) as sum
from books, publishing, orders
where orders.book_code = books.book_code and books.publishing_id =
publishing.publishing_id
group by publishing.publishing_id, publishing.publishing_name
order by sum(orders.number_of_books) desc;
```