

```

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;

```

Database Consoles | labworks@localhost | project

Database | project

Services

Output

	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

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Введите здесь текст для поиска

Рабочий стол 6°C 13:09 04.12.2021

```

--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;

```

The screenshot shows an IDE window titled 'database - project'. The 'Output' panel displays the results of a SQL query. The query is a SELECT statement with columns: book_code, book_name, store_state, and sum. The results are sorted by sum in descending order. The first row has book_code 1056, book_name 'moderator', store_state 'Texas', and sum 15. The last row has book_code 1032, book_name 'Pre-emptive', store_state 'Texas', and sum 4.

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

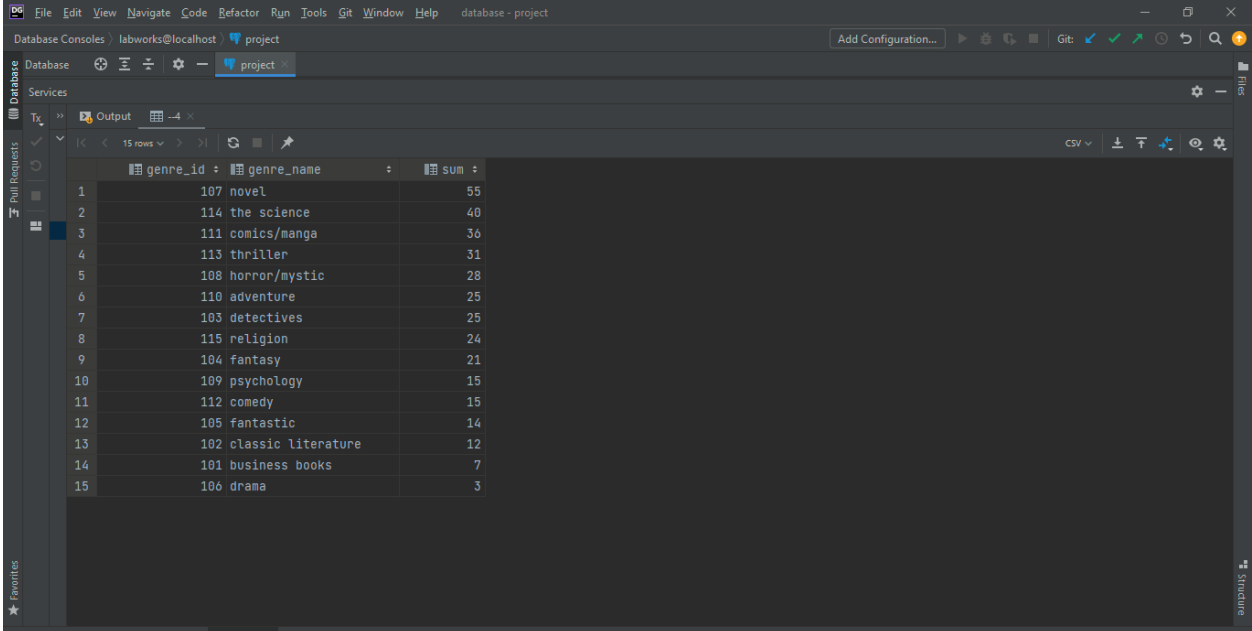
```
--3
select store.store_id, store.store_name, sum(amount) as sum
from store, orders, customer_order
where customer_order.store_id = store.store_id and customer_order.order_id =
orders.order_id
and customer_order.date_order > '31/12/2020'
group by store.store_id order by sum(amount) desc limit 5;
```

The screenshot shows the same IDE window. The 'Output' panel displays the results of the second SQL query. The query is a SELECT statement with columns: store_id, store_name, and sum. The results are sorted by sum in descending order. The first row has store_id 6, store_name 'Haag Inc', and sum 174. The second row has store_id 1, store_name 'Bayer, Trantow and McDermott', and sum 64.

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

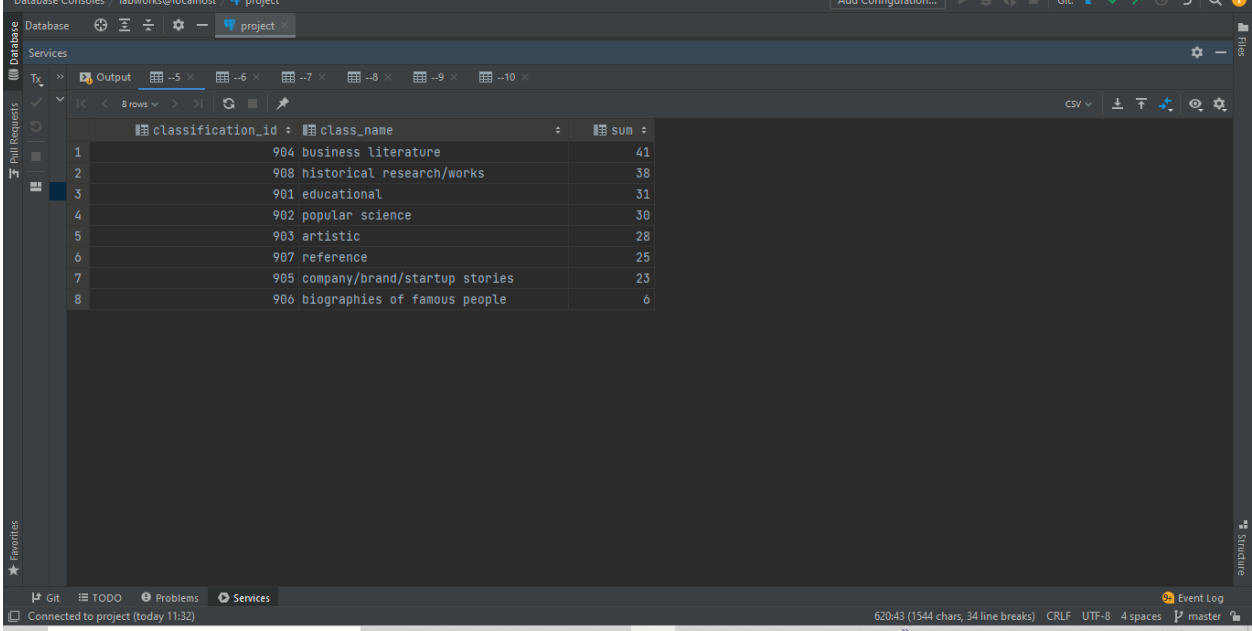
```
--4
select genre.genre_id, genre.genre_name, sum(orders.number_of_books) as sum
from genre, orders, books, book_genre
where genre.genre_id = book_genre.genre_id and book_genre.book_code =
books.book_code and books.book_code = orders.book_code
```

```
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;
```

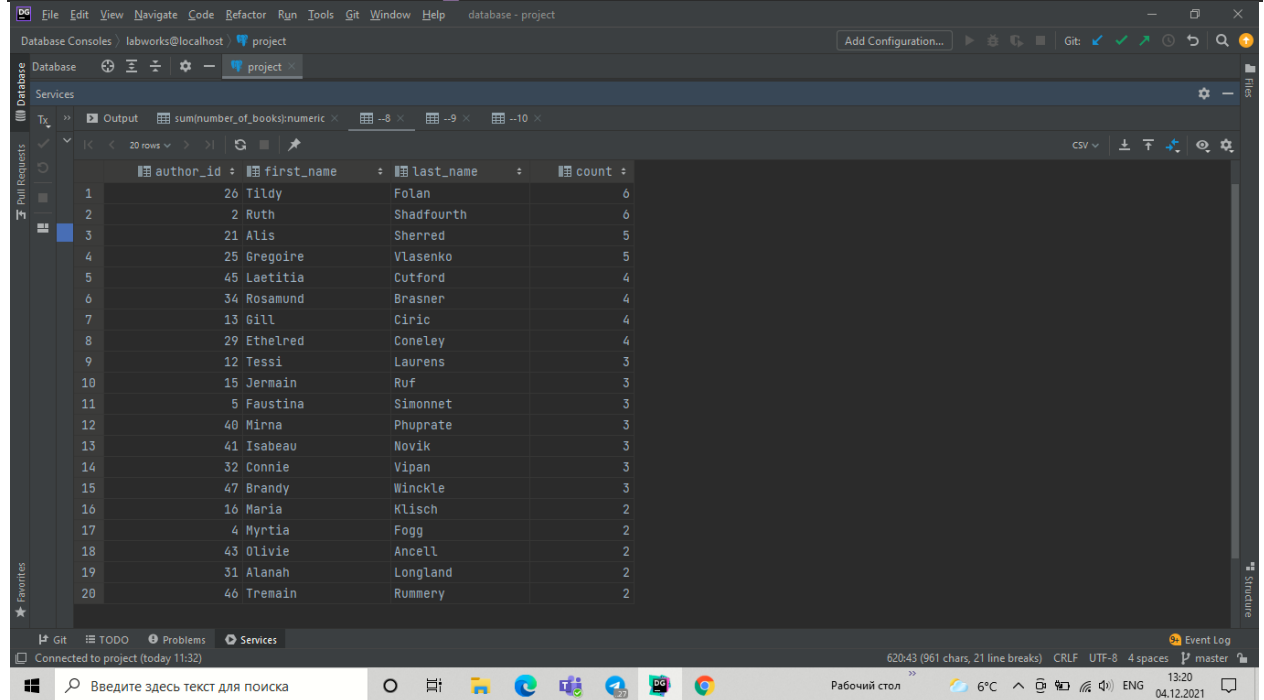
book_code	book_name	sum
1	1053 Fundamental	2028
2	1078 optimizing	1838
3	1051 fresh-thinking	1670
4	1066 parallelism	1557
5	1004 matrices	1505
6	1003 fault-tolerant	1410
7	1069 clear-thinking	1345
8	1095 interface	1311
9	1047 strategy	1285
10	1098 uniform	1280
11	1076 framework	1239
12	1025 systemic	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

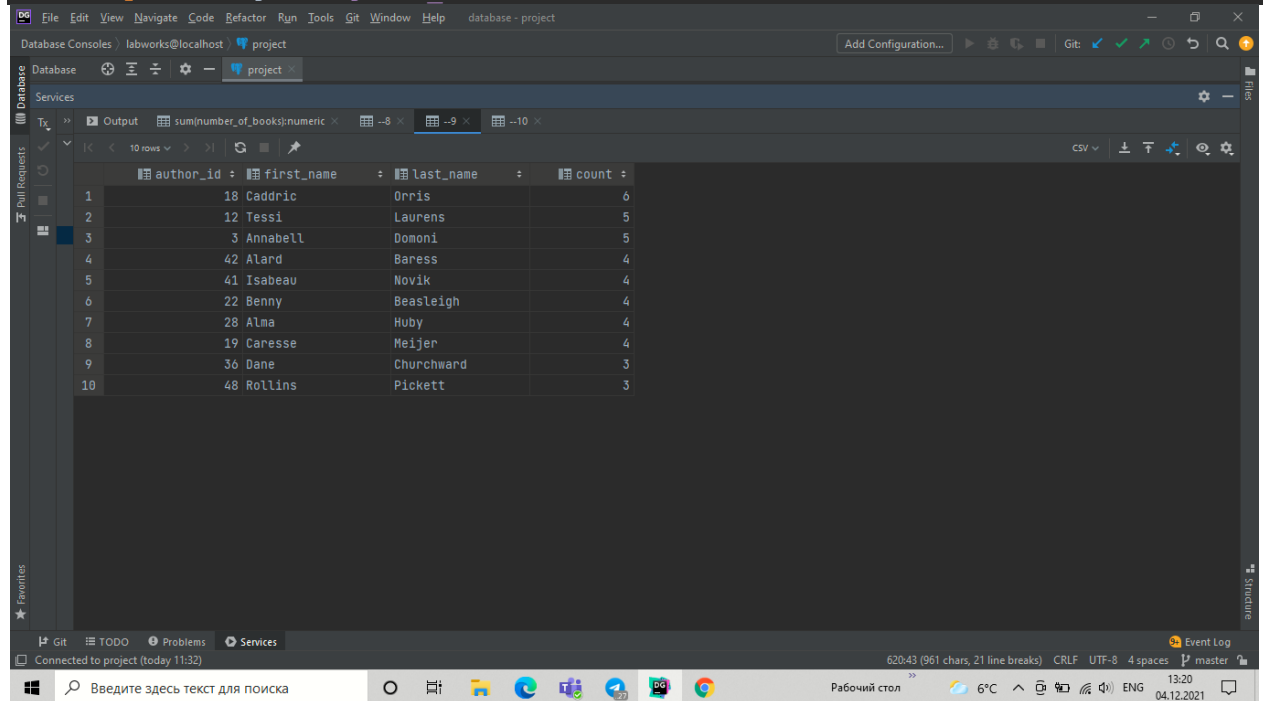
```
--8
select author.author_id, author.first_name, author.last_name,
count(books.author_id)
from author, books
where author.author_id = books.author_id
```

```
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	Rummary	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	Domonl	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
```

```
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_id, publishing.publishing_name  
order by sum(orders.number_of_books) desc;
```

The screenshot shows an IDE window titled 'database - project'. The top panel displays a SQL query. The bottom panel shows the results of the query in a table with 10 rows. The table has three columns: 'publishing_id', 'publishing_name', and 'sum'. The data is sorted by the 'sum' column in descending order.

	publishing_id	publishing_name	sum
1	504	Penguin Random House	45
2	507	Macmillan Publishers	36
3	505	Hachette Livre	34
4	508	Bertelsmann	27
5	502	RELX	24
6	509	Scholastic Corporation	19
7	506	HarperCollins	16
8	510	McGraw-Hill Education	9
9	503	Thomson Reuters	8
10	501	Pearson	4