

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator

SCHEMAS

Filter objects

hometask\_4

- Tables
  - auto
  - city
  - clients
  - employee
  - man
  - projects
  - users
- Views
- Stored Procedures
- Functions

lesson\_1

lesson\_2

lesson\_4

myfirstdb

sakila

seminar\_3

- Tables
- Views
- Stored Procedures
- Functions

Administration Schemas

Information

Schema: hometask\_4

220

221 • `SELECT * FROM AUTO;`

222 `/*`

223 1.Вывести на экран, сколько машин каждого цвета для машин марок BMW и LADA

224

225

226 `*/`

227 • `SELECT color, mark, count(1) AS 'Количество'`

228 `FROM auto`

229 `WHERE mark IN ('BMW','LADA')`

230 `GROUP BY color, mark;`

231

232

233

234

235

236

237

238

239

Result Grid

Filter Rows: Export: Wrap Cell Content: `Ctrl+L`

color	mark	Количество
ЗЕЛЕНЫЙ	BMW	1
КРАСНЫЙ	LADA	1
СИНИЙ	BMW	2
СИНИЙ	LADA	1
ЗЕЛЕНЫЙ	LADA	1

Result 3 x

Output

Object Info Session

19:45 01.05.2023

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Result Grid

mark	count_of_this_mark	count_of_another_mark
BMW	3	6
LADA	3	6
VOLVO	1	8
AUDI	2	7

Result 9 x

Output

```
232
233
234 /*
235 2.Вывести на экран марку авто(количество) и количество авто не этой марки.
236 100 машин, их них 20 - BMW и 80 машин другой марки , AUDI - 30 и 70 машин другой марки, LADA - 15, 85 авто другой марки
237 */
238
239 SELECT DISTINCT mark, (select count(1)
240 FROM auto a1
241 WHERE a1.mark = a.mark) AS count_of_this_mark, (select count(1)
242 FROM auto a1
243 WHERE a1.mark != a.mark) AS count_of_another_mark
244 FROM auto a;
245
246
247
248
249
250
```

Limit to 1000 rows

ENG 19:51 01.05.2023

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Administration Schemas

Information

No object selected

4 Seminar\_4\* HomeTask\_4\*

Limit to 1000 rows

```
245
246
247
248
249
250
251 /*
252 3. Даны 2 таблицы
253 Напишите запрос, который вернет строки из таблицы test_a, id которых нет в таблице test_b, НЕ используя ключевого слова NOT.
254 */
255
256 create table test_a (id INT, test varchar(10));
257 create table test_b (id INT);
258 insert into test_a(id, test) values (10, 'A'), (20, 'A'), (30, 'F'), (40, 'D'), (50, 'C');
259 insert into test_b(id) values (10), (30), (50);
260 SELECT * FROM test_a;
261 SELECT * FROM test_b;
262
263 SELECT * FROM test_a NATURAL LEFT JOIN test_b WHERE test_b.id IS NULL;
264
265
```

Result Grid

	id	test
▶	20	A
	40	D

Result 18 x

Output

Read Only

Object Info Session

Поиск

20:03 01.05.2023