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Ответы на замечания по ссылке:

[https://docs.google.com/document/d/1puUAV5_154FaWjxTHOtwwlosg7SxSwwE/edit?usp=s
haring&oid=100666456164335508834&rtpof=true&sd=true](https://docs.google.com/document/d/1puUAV5_154FaWjxTHOtwwlosg7SxSwwE/edit?usp=ssharing&oid=100666456164335508834&rtpof=true&sd=true)

Консоль

Задание 1

Команда или последовательность команд, которой удалось получить нужные логи:

```
grep -R 233.201. ~/logs/2019/12
```

Логи:

```
233.201.188.154 - - [18/12/2019:21:46:01 +0000] "DELETE /events HTTP/1.1" 403 3971  
233.201.182.9 - - [21/12/2019:21:56:20 +0000] "PATCH /users HTTP/1.1" 400 4118
```

Задание 2

Команды, которые создают директории bug1 и events:

```
mkdir bug1
```

```
mkdir bug1/events
```

Команда, которой выбираешь запросы за указанный период. Это те запросы, которыми ты отбираешь логи в файл main.txt:

```
grep -i 21:3[123456789]* ~/logs/2019/12/apache_2019-12-30.txt  
~/logs/2019/12/apache_2019-12-31.txt > ~/main.txt
```

Команды, которыми ты кладёшь логи в файлы 400.txt и 500.txt из main.txt:

```
grep -i 400 ~/main.txt > ~/bug1/events/400.txt
```

```
grep -i 500 ~/main.txt > ~/bug1/events/500.txt
```

400.txt

```
/home/morty/logs/2019/12/apache_2019-12-30.txt:80.57.170.51 - - [30/12/2019:21:35:12  
+0000] "DELETE /users HTTP/1.1" 400 3623
```

```
/home/morty/logs/2019/12/apache_2019-12-30.txt:204.235.176.118 - -  
[30/12/2019:21:35:13 +0000] "POST /users HTTP/1.1" 400 4704
```

```
/home/morty/logs/2019/12/apache_2019-12-30.txt:82.95.203.67 - - [30/12/2019:21:35:19  
+0000] "DELETE /lists HTTP/1.1" 400 3737
```

```
/home/morty/logs/2019/12/apache_2019-12-30.txt:155.242.215.46 - -  
[30/12/2019:21:35:38 +0000] "POST /playbooks HTTP/1.1" 400 4450
```

```
/home/morty/logs/2019/12/apache_2019-12-30.txt:189.176.85.0 - - [30/12/2019:21:35:39  
+0000] "PATCH /alerts HTTP/1.1" 400 2732
```

/home/morty/logs/2019/12/apache_2019-12-30.txt:13.108.71.71 - - [30/12/2019:21:35:43 +0000] "PATCH /events HTTP/1.1" 400 3410

/home/morty/logs/2019/12/apache_2019-12-30.txt:195.213.133.182 - - [30/12/2019:21:35:46 +0000] "PUT /customers HTTP/1.1" 400 3085

/home/morty/logs/2019/12/apache_2019-12-30.txt:235.243.133.78 - - [30/12/2019:21:35:47 +0000] "PATCH /customers HTTP/1.1" 400 3264

/home/morty/logs/2019/12/apache_2019-12-30.txt:192.57.115.49 - - [30/12/2019:21:35:55 +0000] "POST /parsers HTTP/1.1" 400 2457

/home/morty/logs/2019/12/apache_2019-12-30.txt:71.0.49.244 - - [30/12/2019:21:35:55 +0000] "PUT /collectors HTTP/1.1" 400 2785

/home/morty/logs/2019/12/apache_2019-12-30.txt:224.159.206.126 - - [30/12/2019:21:36:02 +0000] "DELETE /customers HTTP/1.1" 400 4569

/home/morty/logs/2019/12/apache_2019-12-30.txt:131.35.106.246 - - [30/12/2019:21:36:04 +0000] "DELETE /lists HTTP/1.1" 400 2578

/home/morty/logs/2019/12/apache_2019-12-30.txt:216.24.42.208 - - [30/12/2019:21:36:06 +0000] "GET /parsers HTTP/1.1" 400 4597

/home/morty/logs/2019/12/apache_2019-12-30.txt:123.53.150.160 - - [30/12/2019:21:37:19 +0000] "PATCH /events HTTP/1.1" 400 4379

/home/morty/logs/2019/12/apache_2019-12-30.txt:61.129.127.103 - - [30/12/2019:21:37:32 +0000] "GET /lists HTTP/1.1" 400 2575

/home/morty/logs/2019/12/apache_2019-12-30.txt:90.216.4.78 - - [30/12/2019:21:37:34 +0000] "PATCH /lists HTTP/1.1" 400 3899

/home/morty/logs/2019/12/apache_2019-12-30.txt:204.250.214.208 - - [30/12/2019:21:37:36 +0000] "PATCH /parsers HTTP/1.1" 400 4742

/home/morty/logs/2019/12/apache_2019-12-30.txt:79.214.240.98 - - [30/12/2019:21:37:37 +0000] "POST /fieldsets HTTP/1.1" 400 4441

/home/morty/logs/2019/12/apache_2019-12-30.txt:65.47.42.12 - - [30/12/2019:21:37:39 +0000] "PATCH /customers HTTP/1.1" 400 2500

/home/morty/logs/2019/12/apache_2019-12-30.txt:251.118.141.34 - - [30/12/2019:21:37:41 +0000] "POST /customers HTTP/1.1" 400 3519

/home/morty/logs/2019/12/apache_2019-12-30.txt:205.20.166.196 - - [30/12/2019:21:37:51 +0000] "POST /users HTTP/1.1" 400 4032

/home/morty/logs/2019/12/apache_2019-12-30.txt:156.217.3.46 - - [30/12/2019:21:37:52 +0000] "PATCH /parsers HTTP/1.1" 400 2020

/home/morty/logs/2019/12/apache_2019-12-30.txt:48.240.198.167 - -
[30/12/2019:21:37:57 +0000] "PATCH /playbooks HTTP/1.1" 400 4100

/home/morty/logs/2019/12/apache_2019-12-30.txt:101.255.159.211 - -
[30/12/2019:21:37:59 +0000] "GET /auth HTTP/1.1" 400 2324

/home/morty/logs/2019/12/apache_2019-12-30.txt:80.76.98.203 - - [30/12/2019:21:38:00
+0000] "POST /playbooks HTTP/1.1" 400 3045

/home/morty/logs/2019/12/apache_2019-12-30.txt:85.64.63.255 - - [30/12/2019:21:38:13
+0000] "PATCH /collectors HTTP/1.1" 400 2291

/home/morty/logs/2019/12/apache_2019-12-30.txt:184.79.247.161 - -
[30/12/2019:21:38:13 +0000] "PUT /alerts HTTP/1.1" 400 3557

/home/morty/logs/2019/12/apache_2019-12-30.txt:93.2.134.22 - - [30/12/2019:21:39:39
+0000] "DELETE /alerts HTTP/1.1" 400 3701

/home/morty/logs/2019/12/apache_2019-12-31.txt:86.34.86.182 - - [31/12/2019:21:35:10
+0000] "POST /auth HTTP/1.1" 400 3626

/home/morty/logs/2019/12/apache_2019-12-31.txt:167.37.16.117 - - [31/12/2019:21:35:17
+0000] "PATCH /customers HTTP/1.1" 400 3294

/home/morty/logs/2019/12/apache_2019-12-31.txt:199.128.92.19 - - [31/12/2019:21:35:43
+0000] "PUT /users HTTP/1.1" 400 4180

/home/morty/logs/2019/12/apache_2019-12-31.txt:162.152.99.143 - -
[31/12/2019:21:35:59 +0000] "PUT /users HTTP/1.1" 400 4606

/home/morty/logs/2019/12/apache_2019-12-31.txt:83.115.59.224 - - [31/12/2019:21:37:26
+0000] "GET /alerts HTTP/1.1" 400 3489

/home/morty/logs/2019/12/apache_2019-12-31.txt:194.10.97.226 - - [31/12/2019:21:37:31
+0000] "DELETE /lists HTTP/1.1" 400 2447

/home/morty/logs/2019/12/apache_2019-12-31.txt:180.99.214.40 - - [31/12/2019:21:37:44
+0000] "DELETE /alerts HTTP/1.1" 400 2077

/home/morty/logs/2019/12/apache_2019-12-31.txt:154.152.205.4 - - [31/12/2019:21:37:50
+0000] "GET /playbooks HTTP/1.1" 400 3324

/home/morty/logs/2019/12/apache_2019-12-31.txt:197.82.125.54 - - [31/12/2019:21:37:52
+0000] "PUT /fieldsets HTTP/1.1" 400 4365

/home/morty/logs/2019/12/apache_2019-12-31.txt:115.89.87.219 - - [31/12/2019:21:38:06
+0000] "PUT /playbooks HTTP/1.1" 400 2589

/home/morty/logs/2019/12/apache_2019-12-31.txt:100.77.15.14 - - [31/12/2019:21:38:07
+0000] "GET /fieldsets HTTP/1.1" 400 4911

/home/morty/logs/2019/12/apache_2019-12-31.txt:22.33.159.242 - - [31/12/2019:21:38:07 +0000] "GET /playbooks HTTP/1.1" 400 3955

/home/morty/logs/2019/12/apache_2019-12-31.txt:149.148.229.11 - - [31/12/2019:21:39:16 +0000] "GET /users HTTP/1.1" 400 2071

/home/morty/logs/2019/12/apache_2019-12-31.txt:236.107.64.192 - - [31/12/2019:21:39:17 +0000] "PATCH /users HTTP/1.1" 400 2791

/home/morty/logs/2019/12/apache_2019-12-31.txt:24.156.105.39 - - [31/12/2019:21:39:23 +0000] "GET /lists HTTP/1.1" 400 2902

/home/morty/logs/2019/12/apache_2019-12-31.txt:193.50.164.254 - - [31/12/2019:21:39:23 +0000] "PUT /playbooks HTTP/1.1" 400 3296

/home/morty/logs/2019/12/apache_2019-12-31.txt:18.123.104.91 - - [31/12/2019:21:39:52 +0000] "GET /collectors HTTP/1.1" 400 4372

/home/morty/logs/2019/12/apache_2019-12-31.txt:234.218.148.4 - - [31/12/2019:21:39:54 +0000] "PUT /users HTTP/1.1" 400 2509

500.txt.

/home/morty/logs/2019/12/apache_2019-12-30.txt:64.250.112.189 - - [30/12/2019:21:35:13 +0000] "PUT /parsers HTTP/1.1" 500 4639

/home/morty/logs/2019/12/apache_2019-12-30.txt:193.253.101.180 - - [30/12/2019:21:35:31 +0000] "PATCH /alerts HTTP/1.1" 500 2944

/home/morty/logs/2019/12/apache_2019-12-30.txt:197.106.117.194 - - [30/12/2019:21:35:31 +0000] "PATCH /parsers HTTP/1.1" 500 3519

/home/morty/logs/2019/12/apache_2019-12-30.txt:247.124.71.67 - - [30/12/2019:21:35:45 +0000] "PUT /alerts HTTP/1.1" 500 2746

/home/morty/logs/2019/12/apache_2019-12-30.txt:62.88.204.119 - - [30/12/2019:21:35:51 +0000] "PUT /auth HTTP/1.1" 500 2666

/home/morty/logs/2019/12/apache_2019-12-30.txt:125.156.142.26 - - [30/12/2019:21:36:01 +0000] "PATCH /events HTTP/1.1" 500 3460

/home/morty/logs/2019/12/apache_2019-12-30.txt:144.170.212.70 - - [30/12/2019:21:36:04 +0000] "DELETE /parsers HTTP/1.1" 500 2599

/home/morty/logs/2019/12/apache_2019-12-30.txt:59.39.200.252 - - [30/12/2019:21:36:05 +0000] "GET /alerts HTTP/1.1" 500 2650

/home/morty/logs/2019/12/apache_2019-12-30.txt:150.136.200.100 - - [30/12/2019:21:37:24 +0000] "POST /lists HTTP/1.1" 500 2684

/home/morty/logs/2019/12/apache_2019-12-30.txt:84.81.25.45 - - [30/12/2019:21:37:25 +0000] "POST /auth HTTP/1.1" 500 2052

/home/morty/logs/2019/12/apache_2019-12-30.txt:30.222.160.141 - -
[30/12/2019:21:37:30 +0000] "PATCH /parsers HTTP/1.1" 500 2017

/home/morty/logs/2019/12/apache_2019-12-30.txt:117.87.158.36 - - [30/12/2019:21:37:34
+0000] "POST /fieldsets HTTP/1.1" 500 4056

/home/morty/logs/2019/12/apache_2019-12-30.txt:212.153.128.212 - -
[30/12/2019:21:37:42 +0000] "PUT /fieldsets HTTP/1.1" 500 3259

/home/morty/logs/2019/12/apache_2019-12-30.txt:58.188.83.217 - - [30/12/2019:21:37:46
+0000] "POST /playbooks HTTP/1.1" 500 3947

/home/morty/logs/2019/12/apache_2019-12-30.txt:193.123.131.146 - -
[30/12/2019:21:37:47 +0000] "PUT /lists HTTP/1.1" 500 3902

/home/morty/logs/2019/12/apache_2019-12-30.txt:182.7.179.91 - - [30/12/2019:21:37:48
+0000] "GET /users HTTP/1.1" 500 2950

/home/morty/logs/2019/12/apache_2019-12-30.txt:10.25.168.164 - - [30/12/2019:21:38:05
+0000] "PATCH /playbooks HTTP/1.1" 500 3858

/home/morty/logs/2019/12/apache_2019-12-30.txt:215.201.210.173 - -
[30/12/2019:21:38:11 +0000] "PATCH /customers HTTP/1.1" 500 3277

/home/morty/logs/2019/12/apache_2019-12-30.txt:179.241.103.167 - -
[30/12/2019:21:39:23 +0000] "POST /lists HTTP/1.1" 500 3669

/home/morty/logs/2019/12/apache_2019-12-30.txt:147.188.170.252 - -
[30/12/2019:21:39:33 +0000] "POST /fieldsets HTTP/1.1" 500 3313

/home/morty/logs/2019/12/apache_2019-12-30.txt:1.249.123.189 - - [30/12/2019:21:39:36
+0000] "PATCH /alerts HTTP/1.1" 500 4734

/home/morty/logs/2019/12/apache_2019-12-30.txt:124.114.135.105 - -
[30/12/2019:21:39:41 +0000] "PATCH /customers HTTP/1.1" 500 3348

/home/morty/logs/2019/12/apache_2019-12-30.txt:35.215.100.202 - -
[30/12/2019:21:39:43 +0000] "PUT /alerts HTTP/1.1" 500 4345

/home/morty/logs/2019/12/apache_2019-12-30.txt:86.222.23.128 - - [30/12/2019:21:39:44
+0000] "PATCH /alerts HTTP/1.1" 500 2230

/home/morty/logs/2019/12/apache_2019-12-30.txt:20.161.75.95 - - [30/12/2019:21:39:48
+0000] "DELETE /users HTTP/1.1" 500 2412

/home/morty/logs/2019/12/apache_2019-12-30.txt:196.18.151.117 - -
[30/12/2019:21:39:55 +0000] "PUT /events HTTP/1.1" 500 4439

/home/morty/logs/2019/12/apache_2019-12-30.txt:77.101.138.151 - -
[30/12/2019:21:39:57 +0000] "PUT /lists HTTP/1.1" 500 2194

/home/morty/logs/2019/12/apache_2019-12-31.txt:208.205.133.127 - -
[31/12/2019:21:35:17 +0000] "DELETE /alerts HTTP/1.1" 500 4561

/home/morty/logs/2019/12/apache_2019-12-31.txt:20.145.255.91 - - [31/12/2019:21:35:30
+0000] "GET /parsers HTTP/1.1" 500 3051

/home/morty/logs/2019/12/apache_2019-12-31.txt:91.66.134.13 - - [31/12/2019:21:35:53
+0000] "POST /lists HTTP/1.1" 500 3319

```
/home/morty/logs/2019/12/apache_2019-12-31.txt:31.88.211.206 - - [31/12/2019:21:35:57 +0000] "DELETE /events HTTP/1.1" 500 2325
```

```
/home/morty/logs/2019/12/apache_2019-12-31.txt:171.37.114.114 - - [31/12/2019:21:37:39 +0000] "DELETE /fieldsets HTTP/1.1" 500 3253
```

```
/home/morty/logs/2019/12/apache_2019-12-31.txt:223.157.242.167 - - [31/12/2019:21:37:59 +0000] "POST /users HTTP/1.1" 500 2283
```

```
/home/morty/logs/2019/12/apache_2019-12-31.txt:98.181.102.34 - - [31/12/2019:21:38:06 +0000] "PATCH /fieldsets HTTP/1.1" 500 4672
```

```
/home/morty/logs/2019/12/apache_2019-12-31.txt:254.74.22.79 - - [31/12/2019:21:38:06 +0000] "PUT /lists HTTP/1.1" 500 2259
```

```
/home/morty/logs/2019/12/apache_2019-12-31.txt:103.46.238.3 - - [31/12/2019:21:38:09 +0000] "PUT /lists HTTP/1.1" 500 3992
```

```
/home/morty/logs/2019/12/apache_2019-12-31.txt:41.62.205.107 - - [31/12/2019:21:39:20 +0000] "PATCH /alerts HTTP/1.1" 500 3631
```

```
/home/morty/logs/2019/12/apache_2019-12-31.txt:22.53.105.197 - - [31/12/2019:21:39:31 +0000] "DELETE /collectors HTTP/1.1" 500 4202
```

```
/home/morty/logs/2019/12/apache_2019-12-31.txt:178.22.133.42 - - [31/12/2019:21:39:43 +0000] "PUT /alerts HTTP/1.1" 500 4648
```

```
/home/morty/logs/2019/12/apache_2019-12-31.txt:102.247.13.50 - - [31/12/2019:21:39:55 +0000] "PATCH /auth HTTP/1.1" 500 3736
```

База данных

Задание 1

Число автомобилей:

5529

Запрос, которым тебе удалось решить задачу.

```
SELECT COUNT(DISTINCT vehicle_id) AS cnt_vehicle_id, cab_id FROM cabs GROUP BY cab_id;
```

Задание 2

Список компаний с числом автомобилей меньше 100.

cnt	company_name
-----+	-----
97	Nova Taxi Affiliation Llc
89	Patriot Taxi Dbа Peace Taxi Associat
85	Blue Diamond
81	Checker Taxi Affiliation
80	Chicago Medallion Management
69	Chicago Independents

67		24 Seven Taxi
60		Checker Taxi
55		American United
53		Chicago Medallion Leasing INC
49		Top Cab Affiliation
48		KOAM Taxi Association
38		Chicago Taxicab
34		Norshore Cab
20		Gold Coast Taxi
20		Metro Group
18		Service Taxi Association
14		5 Star Taxi
8		American United Taxi Affiliation
8		Metro Jet Taxi A
7		Setare Inc
5		Leonard Cab Co
1		4615 - 83503 Tyrone Henderson
1		5062 - 34841 Sam Mestas
1		4623 - 27290 Jay Kim
1		5997 - 65283 AW Services Inc.
1		2092 - 61288 Sbeih company
1		1469 - 64126 Omar Jada
1		2733 - 74600 Benny Jona
1		2192 - 73487 Zeymane Corp
1		5006 - 39261 Salifu Bawa
1		3556 - 36214 RC Andrews Cab
1		3721 - Santamaria Express, Alvaro Santamaria
1		2809 - 95474 C & D Cab Co Inc.
1		2241 - 44667 - Felman Corp, Manuel Alonso
1		3620 - 52292 David K. Cab Corp.
1		2823 - 73307 Lee Express Inc
1		6057 - 24657 Richard Addo
1		6742 - 83735 Tasha ride inc
1		1085 - 72312 N and W Cab Co
1		3591 - 63480 Chuks Cab
1		0118 - 42111 Godfrey S.Awir
1		6574 - Babylon Express Inc.
1		3094 - 24059 G.L.B. Cab Co
1		5874 - 73628 Sergey Cab Corp.
1		6743 - 78771 Luhak Corp
1		5074 - 54002 Ahzmi Inc
1		3623 - 72222 Arrington Enterprises
1		4053 - 40193 Adwar H. Nikola
1		Chicago Star Taxicab
1		3011 - 66308 JBL Cab Inc.

Запрос, которым тебе удалось решить задачу.

```
SELECT COUNT(vehicle_id) AS cnt, company_name FROM cabs GROUP BY
company_name HAVING COUNT(vehicle_id) < 100 ORDER BY cnt DESC;
```

Задание 3

Таблица с данными за указанный период.

ts	weather_conditions
2017-11-05 00:00:00	Good
2017-11-05 01:00:00	Bad
2017-11-05 02:00:00	Good
2017-11-05 03:00:00	Good
2017-11-05 04:00:00	Bad
2017-11-05 05:00:00	Bad
2017-11-05 06:00:00	Good
2017-11-05 07:00:00	Good
2017-11-05 08:00:00	Good
2017-11-05 09:00:00	Good
2017-11-05 10:00:00	Good
2017-11-05 11:00:00	Good
2017-11-05 12:00:00	Good
2017-11-05 13:00:00	Good
2017-11-05 14:00:00	Bad
2017-11-05 15:00:00	Good
2017-11-05 16:00:00	Bad
2017-11-05 17:00:00	Good
2017-11-05 18:00:00	Bad
2017-11-05 19:00:00	Bad
2017-11-05 20:00:00	Bad
2017-11-05 21:00:00	Good
2017-11-05 22:00:00	Good
2017-11-05 23:00:00	Good
2017-11-06 00:00:00	Good

(25 rows)

Запрос, которым удалось решить задачу.

```
SELECT ts, CASE WHEN description LIKE '%rain%' OR description LIKE '%storm%'
THEN 'Bad' WHEN description NOT LIKE '%rain%' AND description NOT LIKE
'%storm%' THEN 'Good' ELSE description END AS weather_conditions FROM
weather_records WHERE ts BETWEEN '2017-11-05 00:00' AND '2017-11-06 00:00'
GROUP BY ts, weather_conditions ORDER BY ts;
```


Задание 4

Таблица с данными за указанный период.

trips_amount	company_name
19558	Flash Cab
11422	Taxi Affiliation Services
10367	Medallion Leasin
9888	Yellow Cab
9299	Taxi Affiliation Service Yellow
9181	Chicago Carriage Cab Corp
8448	City Service
7701	Sun Taxi
7455	Star North Management LLC
5953	Blue Ribbon Taxi Association Inc.
5015	Choice Taxi Association
4383	Globe Taxi
3355	Dispatch Taxi Affiliation
3175	Nova Taxi Affiliation Llc
2235	Patriot Taxi DbA Peace Taxi Associat
2216	Checker Taxi Affiliation
2070	Blue Diamond
1955	Chicago Medallion Management
1775	24 Seven Taxi
1607	Chicago Medallion Leasing INC
1486	Checker Taxi
1404	American United
1296	Chicago Independents
1259	KOAM Taxi Association
1014	Chicago Taxicab
978	Top Cab Affiliation
428	Gold Coast Taxi
402	Service Taxi Association
310	5 Star Taxi
250	303 Taxi
230	Setare Inc
210	American United Taxi Affiliation
147	Leonard Cab Co
146	Metro Jet Taxi A
127	Norshore Cab
39	6742 - 83735 Tasha ride inc
37	3591 - 63480 Chuks Cab
36	1469 - 64126 Omar Jada
33	6743 - 78771 Luhak Corp
33	0118 - 42111 Godfrey S.Awir
31	6574 - Babylon Express Inc.
29	Chicago Star Taxicab
29	1085 - 72312 N and W Cab Co
29	2809 - 95474 C & D Cab Co Inc.
27	2092 - 61288 Sbeih company
25	3011 - 66308 JBL Cab Inc.
21	3620 - 52292 David K. Cab Corp.
21	4615 - 83503 Tyrone Henderson
20	3623 - 72222 Arrington Enterprises
16	5074 - 54002 Ahzmi Inc
15	2823 - 73307 Lee Express Inc
15	4623 - 27290 Jay Kim
14	3721 - Santamaria Express, Alvaro Santamaria
14	5006 - 39261 Salifu Bawa
14	2192 - 73487 Zeymane Corp
13	6057 - 24657 Richard Addo
12	5997 - 65283 AW Services Inc.
11	Metro Group
8	5062 - 34841 Sam Mestas
7	4053 - 40193 Adwar H. Nikola
7	2733 - 74600 Benny Jona
5	5874 - 73628 Sergey Cab Corp.
3	2241 - 44667 - Felman Corp, Manuel Alonso
2	3556 - 36214 RC Andrews Cab

(64 rows)

Запрос, которым удалось решить задачу.

```
SELECT COUNT(trips.trip_id) AS trips_amount, cabs.company_name AS  
company_name FROM trips INNER JOIN cabs ON cabs.cab_id = trips.cab_id WHERE  
trips.start_ts BETWEEN '2017-11-15 00:00' AND '2017-11-16 23:59:59' GROUP BY  
cabs.company_name ORDER BY trips_amount DESC
```