Escribe tu nombre, apellido, número de grupo y el número del sprint para este ejercicio. Por ejemplo, **Dahian Carolina Muñoz Celis, grupo 12, sprint 6**

# **Consola**

## **Ejercicio 1**

El comando o secuencia de comandos que te proporcionó los registros necesarios:

**grep -r "^233.201" logs/2019/12**

Registros:

**logs/2019/12/apache\_2019-12-18.txt:233.201.188.154 - - [18/12/2019:21:46:01 +0000] "DELETE /events HTTP/1.1" 403 3971**

**logs/2019/12/apache\_2019-12-21.txt:233.201.182.9 - - [21/12/2019:21:56:20 +0000] "PATCH /users HTTP/1.1" 400 4118**

## **Ejercicio 2**

Comandos que crean los directorios bug1 y events:

**mkdir bug1**

**mkdir events**

El comando que usas para seleccionar las solicitudes para un periodo especificado. Estas son las solicitudes que usas para obtener registros en el archivo main.txt:  
**grep "21:3" logs/2019/12/apache\_2019-12-30.txt >bug1/main.txt**

**grep "21:3" logs/2019/12/apache\_2019-12-31.txt >>bug1/main.txt**

Los comandos que usas para colocar los registros en los archivos 400.txt y 500.txt del main.txt:  
**grep '400' ~/bug1/main.txt > ~/bug1/events/400.txt**

**grep '500' ~/bug1/main.txt > ~/bug1/events/500.txt**

# **Base de datos**

## **Ejercicio 1**

Número de automóviles:  
**total\_cars: 5529**

La solicitud que utilizaste para resolver la tarea.  
**SELECT COUNT(DISTINCT cab\_id) AS total\_cars FROM cabs;**

## **Ejercicio 2**

Lista de las compañías con menos de 100 automóviles.

**company\_name | cnt**

**----------------------------------------------+-----**

**Nova Taxi Affiliation Llc | 97**

**Patriot Taxi Dba Peace Taxi Associat | 89**

**Blue Diamond | 85**

**Checker Taxi Affiliation | 81**

**Chicago Medallion Management | 80**

**Chicago Independents | 69**

**24 Seven Taxi | 67**

**Checker Taxi | 60**

**American United | 55**

**Chicago Medallion Leasing INC | 53**

**Top Cab Affiliation | 49**

**KOAM Taxi Association | 48**

**Chicago Taxicab | 38**

**Norshore Cab | 34**

**Gold Coast Taxi | 20**

**Metro Group | 20**

**Service Taxi Association | 18**

**5 Star Taxi | 14**

**American United Taxi Affiliation | 8**

**Metro Jet Taxi A | 8**

**Setare Inc | 7**

**Leonard Cab Co | 5**

**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**

**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**

**g5074 - 54002 Ahzmi Inc | 1**

**3623 - 72222 Arrington Enterprises | 1**

**4053 - 40193 Adwar H. Nikola | 1**

**Chicago Star Taxicab | 1**

**3011 - 66308 JBL Cab Inc. | 1**

La solicitud que te ayudó a resolver la tarea.

**SELECT company\_name, COUNT(cab\_id) AS cnt FROM cabs GROUP BY company\_name HAVING COUNT(cab\_id) < 100 ORDER BY cnt DESC;**

## **Ejercicio 3**

La tabla con los datos para el periodo especificado.

**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**

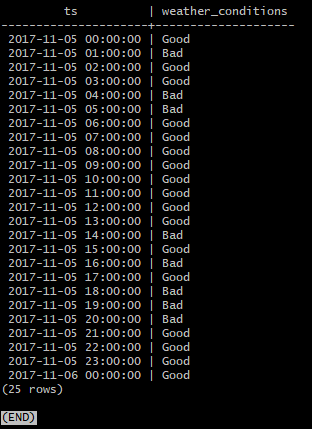
**2017-11-05 20:00:00 | Bad**

**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**



La solicitud que utilizaste para resolver la tarea.

**SELECT ts, CASE WHEN description LIKE '%rain%' OR description LIKE '%storm%' THEN 'Bad' ELSE 'Good' END AS weather\_conditions FROM weather\_records WHERE ts BETWEEN '2017-11-05 00:00:0 ' AND '2017-11-06 00:00:00';**

## **Ejercicio 4**

**company\_name | trips\_amount**

**----------------------------------------------+--------------**

**Flash Cab | 19558**

**Taxi Affiliation Services | 11422**

**Medallion Leasin | 10367**

**Yellow Cab | 9888**

**Taxi Affiliation Service Yellow | 9299**

**Chicago Carriage Cab Corp | 9181**

**City Service | 8448**

**Sun Taxi | 7701**

**Star North Management LLC | 7455**

**Blue Ribbon Taxi Association Inc. | 5953**

**Choice Taxi Association | 5015**

**Globe Taxi | 4383**

**Dispatch Taxi Affiliation | 3355**

**Nova Taxi Affiliation Llc | 3175**

**Patriot Taxi Dba Peace Taxi Associat | 2235**

**Checker Taxi Affiliation | 2216**

**Blue Diamond | 2070**

**Chicago Medallion Management | 1955**

**24 Seven Taxi | 1775**

**Chicago Medallion Leasing INC | 1607**

**Checker Taxi | 1486**

**American United | 1404**

**Chicago Independents | 1296**

**KOAM Taxi Association | 1259**

**Chicago Taxicab | 1014**

**Top Cab Affiliation | 978**

**Gold Coast Taxi | 428**

**Service Taxi Association | 402**

**5 Star Taxi | 310**

**303 Taxi | 250**

**Setare Inc | 230**

**American United Taxi Affiliation | 210**

**Leonard Cab Co | 147**

**Metro Jet Taxi A | 146**

**Norshore Cab | 127**

**6742 - 83735 Tasha ride inc | 39**

**3591 - 63480 Chuks Cab | 37**

**1469 - 64126 Omar Jada | 36**

**6743 - 78771 Luhak Corp | 33**

**0118 - 42111 Godfrey S.Awir | 33**

**6574 - Babylon Express Inc. | 31**

**Chicago Star Taxicab | 29**

**1085 - 72312 N and W Cab Co | 29**

**2809 - 95474 C & D Cab Co Inc. | 29**

**2092 - 61288 Sbeih company | 27**

**3011 - 66308 JBL Cab Inc. | 25**

**3620 - 52292 David K. Cab Corp. | 21**

**4615 - 83503 Tyrone Henderson | 21**

**3623 - 72222 Arrington Enterprises | 20**

**5074 - 54002 Ahzmi Inc | 16**

**2823 - 73307 Lee Express Inc | 15**

**4623 - 27290 Jay Kim | 15**

**3721 - Santamaria Express, Alvaro Santamaria | 14**

**5006 - 39261 Salifu Bawa | 14**

**2192 - 73487 Zeymane Corp | 14**

**6057 - 24657 Richard Addo | 13**

**5997 - 65283 AW Services Inc. | 12**

**Metro Group | 11**

**5062 - 34841 Sam Mestas | 8**

**4053 - 40193 Adwar H. Nikola | 7**

**2733 - 74600 Benny Jona | 7**

**5874 - 73628 Sergey Cab Corp. | 5**

**2241 - 44667 - Felman Corp, Manuel Alonso | 3**

**3556 - 36214 RC Andrews Cab | 2**

La solicitud que utilizaste para resolver la tarea.

**SELECT c.company\_name, COUNT(t.trip\_id) AS trips\_amount FROM trips t JOIN cabs c ON t.cab\_id = c.cab\_id WHERE CAST(t.start\_ts AS DATE) IN ('2017-11-15', '2017-11-16') GROUP BY c.company\_name ORDER BY trips\_amount DESC;**