**Showing companies that have shipments that were neither sent nor planned, with information on the total weight of those shipments. Result sorted by Name ascending.**

select weight as 'Total Weight', company\_name from `shipment\_&\_company\_info` where company\_id not in (select company\_id from `trip\_info`) group by company\_name order by company\_name Asc

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, application

Description automatically generated

**Listing the companies that had the highest value shipment. Result sorted by Name ascending.**

SELECT company\_name, MAX(value) FROM `shipment\_&\_company\_info`

ORDER BY `company\_name` ASC

Graphical user interface, text, application

Description automatically generated

Graphical user interface, text

Description automatically generated with medium confidence

**Printing all mechanics who are not fixing any trucks now**

select employee\_id, first\_name, surname from `employee\_info` where employee\_id not in (select employee\_id from `repair\_info`) && employee\_id in (select employee\_id from `mechanic\_info`)

Graphical user interface, text, application

Description automatically generated

Diagram

Description automatically generated with low confidence

**Listing which trucks were used to transport shipments with a total weight of up to 7000 kg (about 15432.34 lb). Sort the result by Name in ascending order, then in ascending order by Payload.**

SELECT \* FROM `shipment\_&\_company\_info`

WHERE weight <= 7000

ORDER BY weight ASC , company\_name ASC

Graphical user interface, text, application

Description automatically generated

A picture containing graphical user interface

Description automatically generated

**Showing all the drivers who once drove a shipment from the given company as well as the brand of the truck that was used on that occasion and how many times that brand was used in that case. Sort the result by First Name Surname ascending, then ascending brand of the truck.**

SELECT \* FROM `employee\_info`

INNER JOIN `trip\_info`

ON `trip\_info`.`employee\_id` = `employee\_info`.`employee\_id`

WHERE company\_id ="comp0001"

ORDER BY first\_name ASC

Graphical user interface, text, application

Description automatically generated

A picture containing table

Description automatically generated

**Displaying how many loads have been transported by the drivers with the longest experience among all drivers.**

select MAX(`seniority (years)`), first\_name, `trip\_info`.`shipment being transferred`

FROM `employee\_info`

INNER JOIN `trip\_info`

ON `trip\_info`.`employee\_id` = `employee\_info`.`employee\_id`

Graphical user interface, text, application

Description automatically generated

Graphical user interface, application

Description automatically generated

**Showing the total value and total weight of the cargo transported by the trucks that are currently being repaired, which have already had less than the average number of repairs of all existing trucks, and that those trucks were driven by some driver at some point.**

SELECT `value`, `weight`

FROM `shipment\_&\_company\_info`

JOIN trip\_info

ON `shipment\_&\_company\_info`.`company\_id` = trip\_info.company\_id

JOIN repair\_info

ON trip\_info.employee\_id = repair\_info.employee\_id

WHERE `number of repairs`=< AVG(`number of repairs`)

Graphical user interface, text, application

Description automatically generated

Graphical user interface

Description automatically generated