**SQL Project on cars**

use cars;

**-- read data --**

select \* from carinfo;

**-- total cars: to get a count of total cars--**

select count(\*) from carinfo;

**-- The manager asked the employee How many cars will be available in 20233--**

select count(\*) from carinfo

where year = 2023;

**-- The manager asked the employee How many cars is available in 2020,2021,2022--**

select count(\*) from carinfo

where year in (2020,2021,2022)

group by year;

**-- Clint asked me to print the total of all cars by year. I do not see all the details--**

select year, count(\*) from carinfo

group by year;

**-- Clint asked to car dealer agent How many diesel cars will there be in 2020--**

select count(\*) from carinfo

where year = 2020 and fuel = "diesel";

**-- Clint requested a car dealer agent How many petrol cars will there be in 2020--**

select count(\*) from carinfo

where year = 2020 and fuel = 'petrol';

**-- The manager told the employee to give a print All the fuel cars (petrol, diesel, and CNG) come by all year--**

select year, count(\*) from carinfo

where fuel in ('petrol', 'diesel', 'CNG')

group by year;

select year, count(\*) from carinfo

where fuel = 'petrol'

group by year;

select year, count(\*) from carinfo

where fuel = 'diesel'

group by year;

select year, count(\*) from carinfo

where fuel = 'cng'

group by year;

**-- Manager said there were more than 100 cars in a given year, which year had more than 100 cars--**

select year, count(\*) from carinfo

group by year

having count(\*)>100;

**-- The manager said to the employee All cars count details between 2015 and 2023; we need a complete list--**

select count(\*) from carinfo

where year between 2015 and 2023;

**-- The manager said to the employee All cars details between 2015 to 2023 we need complete list--**

select \* from carinfo

where year between 2015 and 2023;

**-- end--**