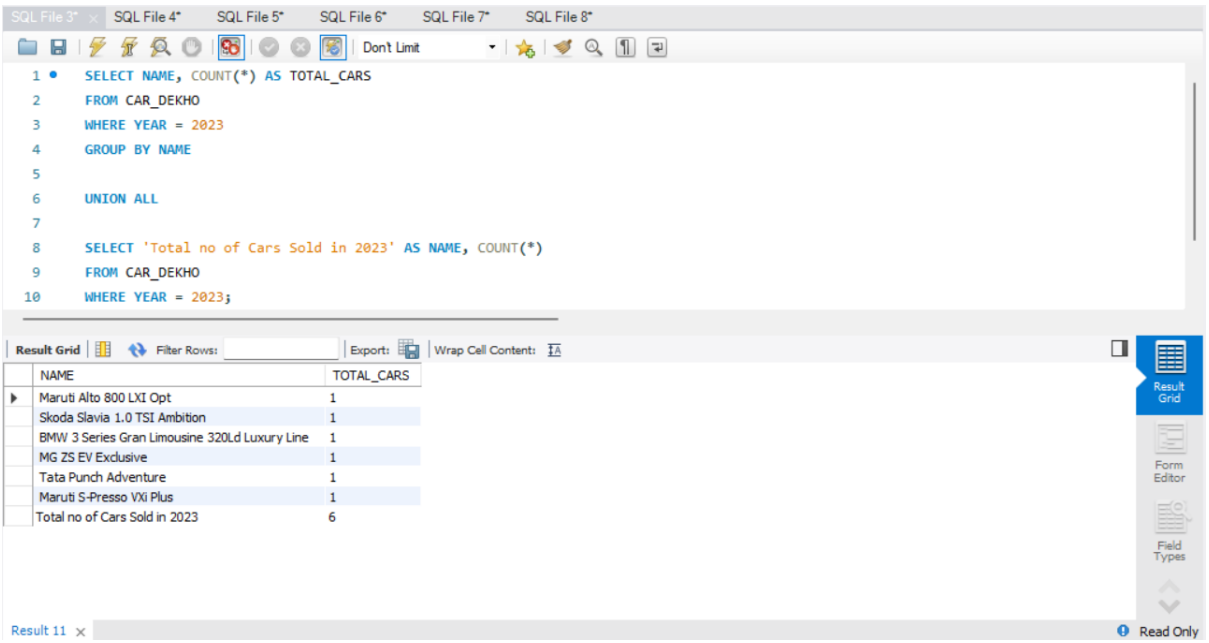
MY SQL SERVER PROJECT

Question 1) Provide names and the quantity of cars sold in the year 2023?



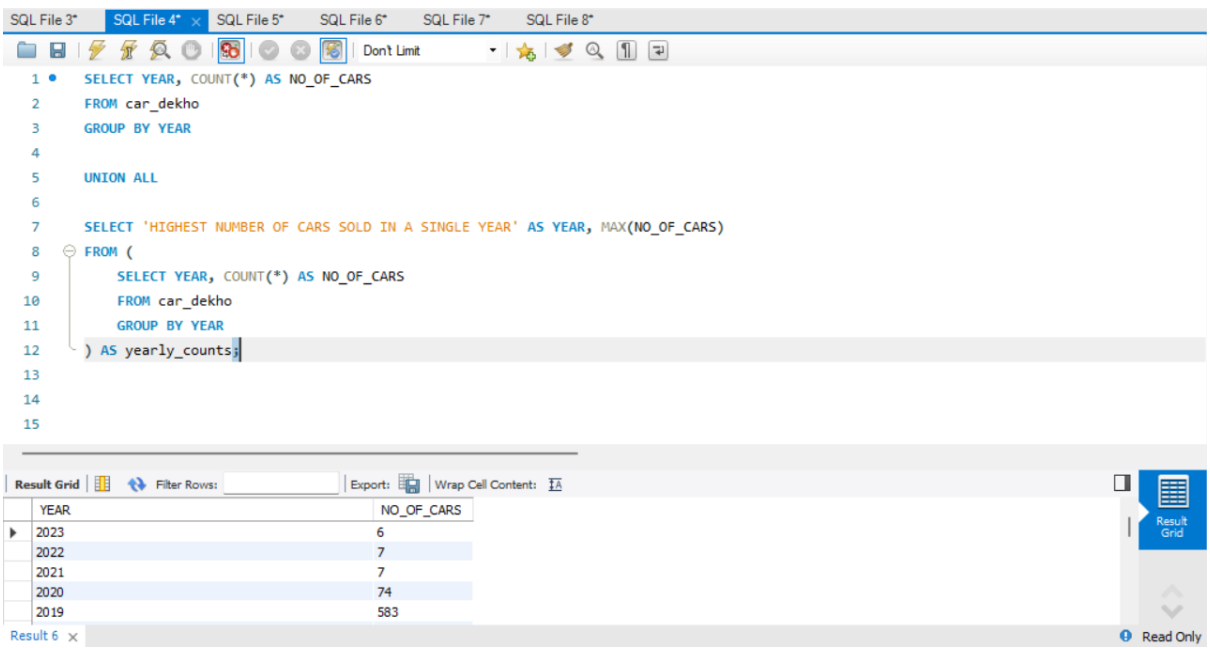
```
SELECT NAME, COUNT(*) AS TOTAL_CARS
FROM CAR_DEKHO
WHERE YEAR = 2023
GROUP BY NAME

UNION ALL

SELECT 'Total no of Cars Sold in 2023' AS NAME, COUNT(*)
FROM CAR_DEKHO
WHERE YEAR = 2023;
```

NAME	TOTAL_CARS
Maruti Alto 800 LXI Opt	1
Skoda Slavia 1.0 TSI Ambition	1
BMW 3 Series Gran Limousine 320Ld Luxury Line	1
MG ZS EV Exclusive	1
Tata Punch Adventure	1
Maruti S-Presso VXi Plus	1
Total no of Cars Sold in 2023	6

Question 2) Provide the count of the total number of cars sold in each year also let us know the highest number of cars sold in single calendar year?



```
SELECT YEAR, COUNT(*) AS NO_OF_CARS
FROM car_dekho
GROUP BY YEAR

UNION ALL

SELECT 'HIGHEST NUMBER OF CARS SOLD IN A SINGLE YEAR' AS YEAR, MAX(NO_OF_CARS)
FROM (
    SELECT YEAR, COUNT(*) AS NO_OF_CARS
    FROM car_dekho
    GROUP BY YEAR
) AS yearly_counts;
```

YEAR	NO_OF_CARS
2023	6
2022	7
2021	7
2020	74
2019	583

Question 3) Provide the number of diesel cars sold in the year 2020?

```
use project
select YEAR , count(*) AS NO_OF_CARS
FROM CAR_DEKHO
WHERE YEAR=2020 AND FUEL="DIESEL"
GROUP BY YEAR;
```

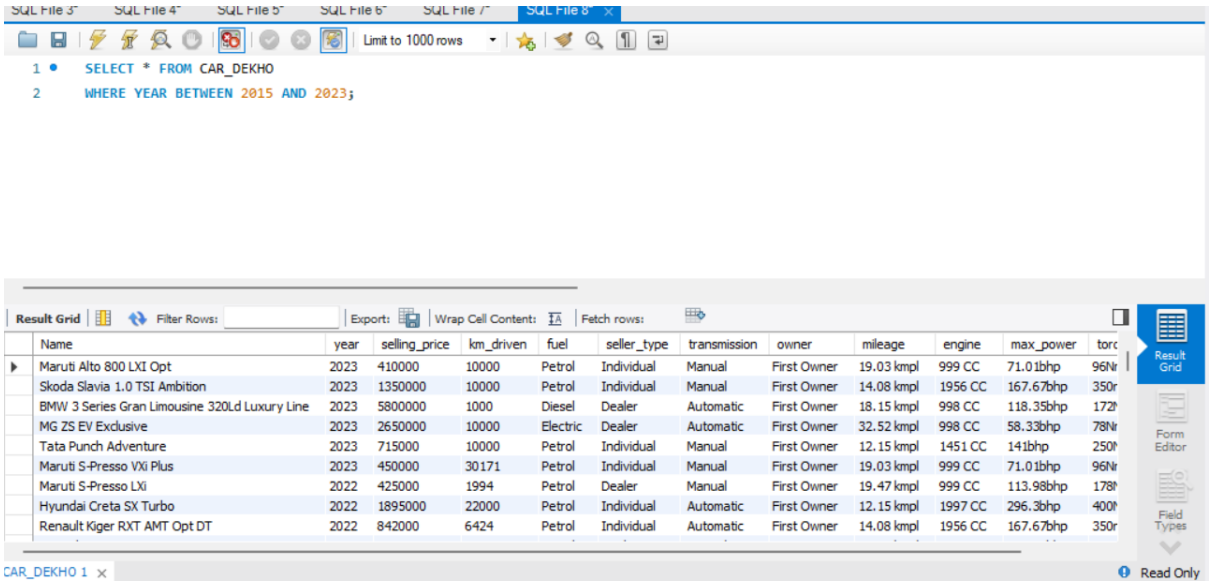
YEAR	NO_OF_CARS
2020	20

Question 4) Display only those years where the number of cars sold is greater than 100?

```
SELECT YEAR , count(*) AS TOTAL_CARS
FROM CAR_DEKHO
GROUP BY YEAR
HAVING COUNT(*)>100;
```

YEAR	TOTAL_CARS
2019	583
2018	806
2017	1010
2016	856
2015	775
2014	620
2013	668
2012	621
2011	570
2010	375

Question 5) Provide all details of the cars sold between the year 2015 to 2023?



Name	year	selling_price	km_driven	fuel	seller_type	transmission	owner	mileage	engine	max_power	torc
Maruti Alto 800 LXI Opt	2023	410000	10000	Petrol	Individual	Manual	First Owner	19.03 kmpl	999 CC	71.01bhp	96Nr
Skoda Slavia 1.0 TSI Ambition	2023	1350000	10000	Petrol	Individual	Manual	First Owner	14.08 kmpl	1956 CC	167.67bhp	350r
BMW 3 Series Gran Limousine 320Ld Luxury Line	2023	5800000	1000	Diesel	Dealer	Automatic	First Owner	18.15 kmpl	998 CC	118.35bhp	172r
MG ZS EV Exclusive	2023	2650000	10000	Electric	Dealer	Automatic	First Owner	32.52 kmpl	998 CC	58.33bhp	78Nr
Tata Punch Adventure	2023	715000	10000	Petrol	Individual	Manual	First Owner	12.15 kmpl	1451 CC	141bhp	250N
Maruti S-Presso VXi Plus	2023	450000	30171	Petrol	Individual	Manual	First Owner	19.03 kmpl	999 CC	71.01bhp	96Nr
Maruti S-Presso LXi	2022	425000	1994	Petrol	Dealer	Manual	First Owner	19.47 kmpl	999 CC	113.98bhp	178N
Hyundai Creta SX Turbo	2022	1895000	22000	Petrol	Individual	Automatic	First Owner	12.15 kmpl	1997 CC	296.3bhp	400N
Renault Kiger RXT AMT Opt DT	2022	842000	6424	Petrol	Individual	Automatic	First Owner	14.08 kmpl	1956 CC	167.67bhp	350r