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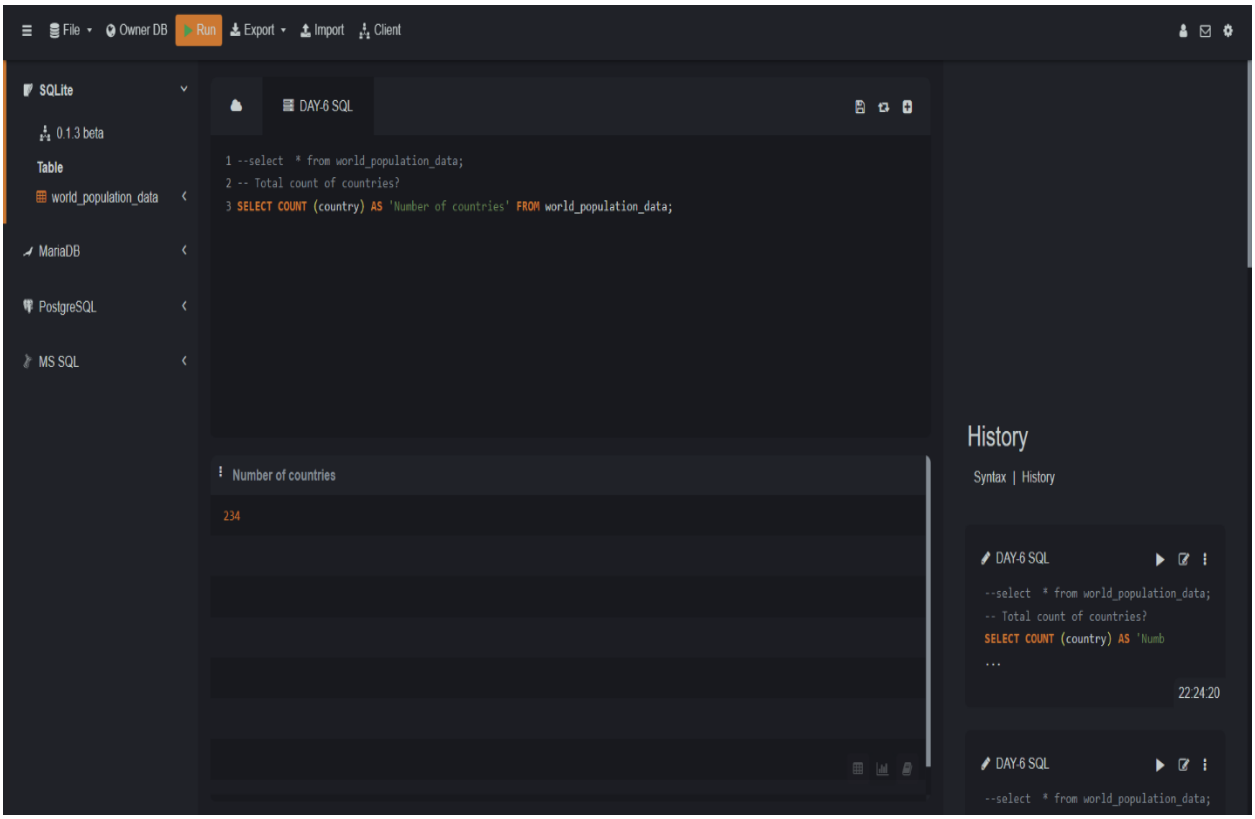
Course Name – SQL

Database- World population data

Q1) Total count of countries?

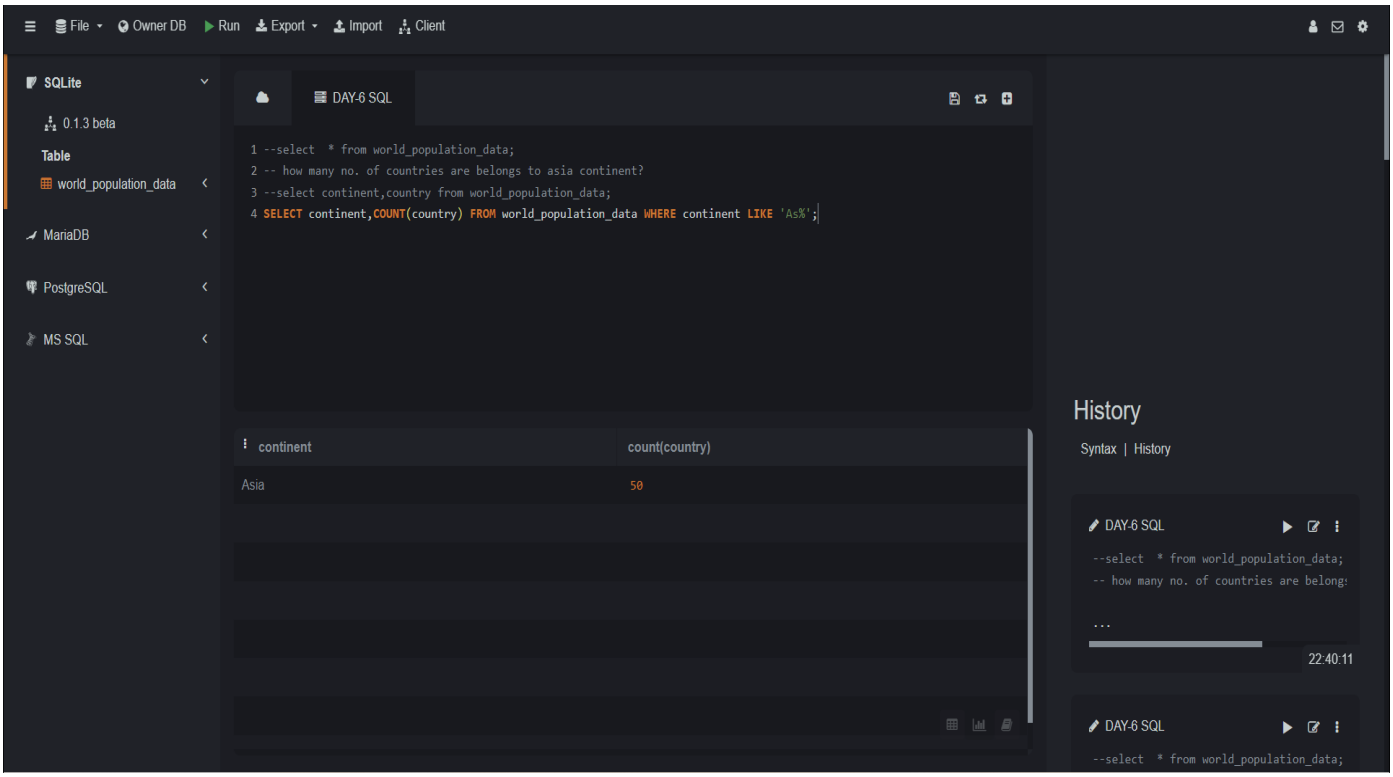
Syntax- Select count(countries) from world population data;



Q2) How many number of countries are belongs to Asia continent?

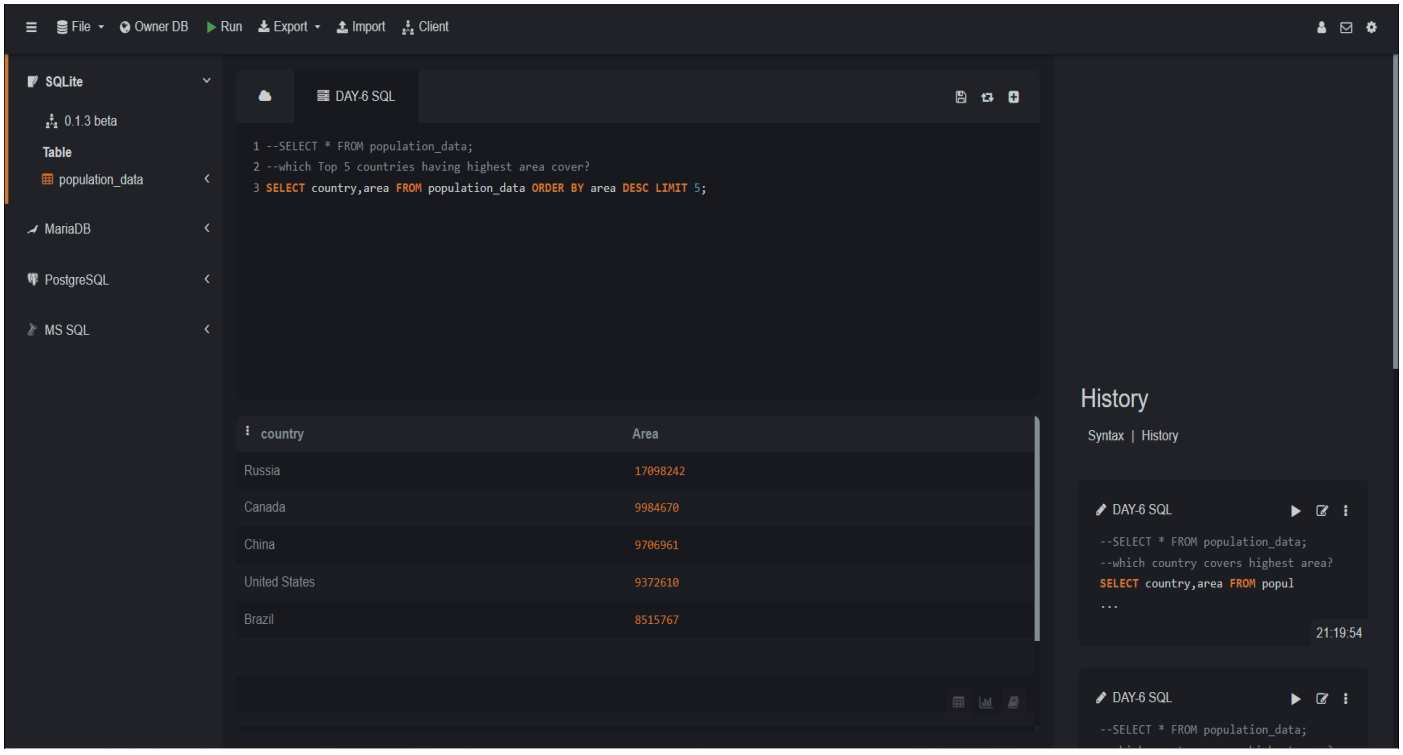
Syntax-

Select continent, COUNT (country) from world population data where continent LIKE “As%”;



Q3) Which Top 5 countries having highest area cover?

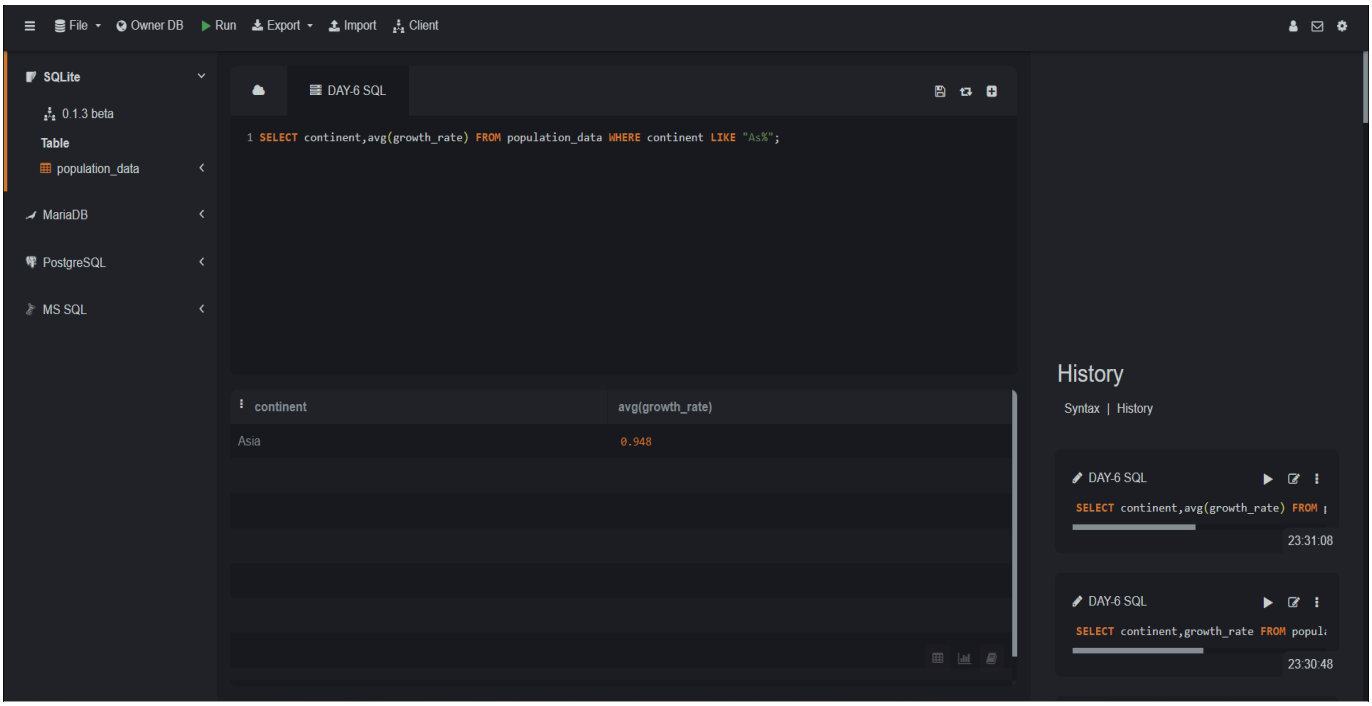
Syntax- SELECT country, area from population_data order by area DESC limit 5;



Q4) What is the average growth rate in Asia continent?

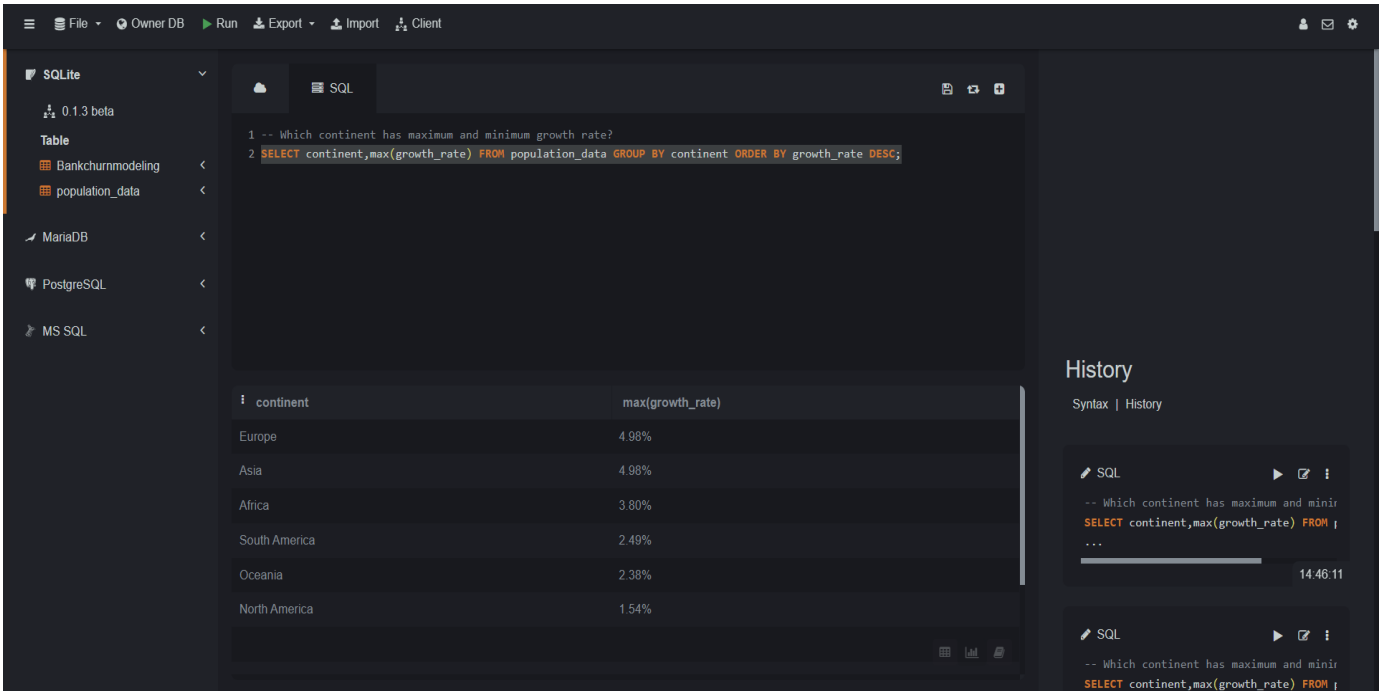
Answer- 0.948

Syntax- select continent, avg(growth_rate) from population_data where continent like "As%";



Q5) Which continent has maximum growth rate?

SYNTAX- select continent, max(growth_rate) from population_data GROUP by continent order by growth_rate DESC;



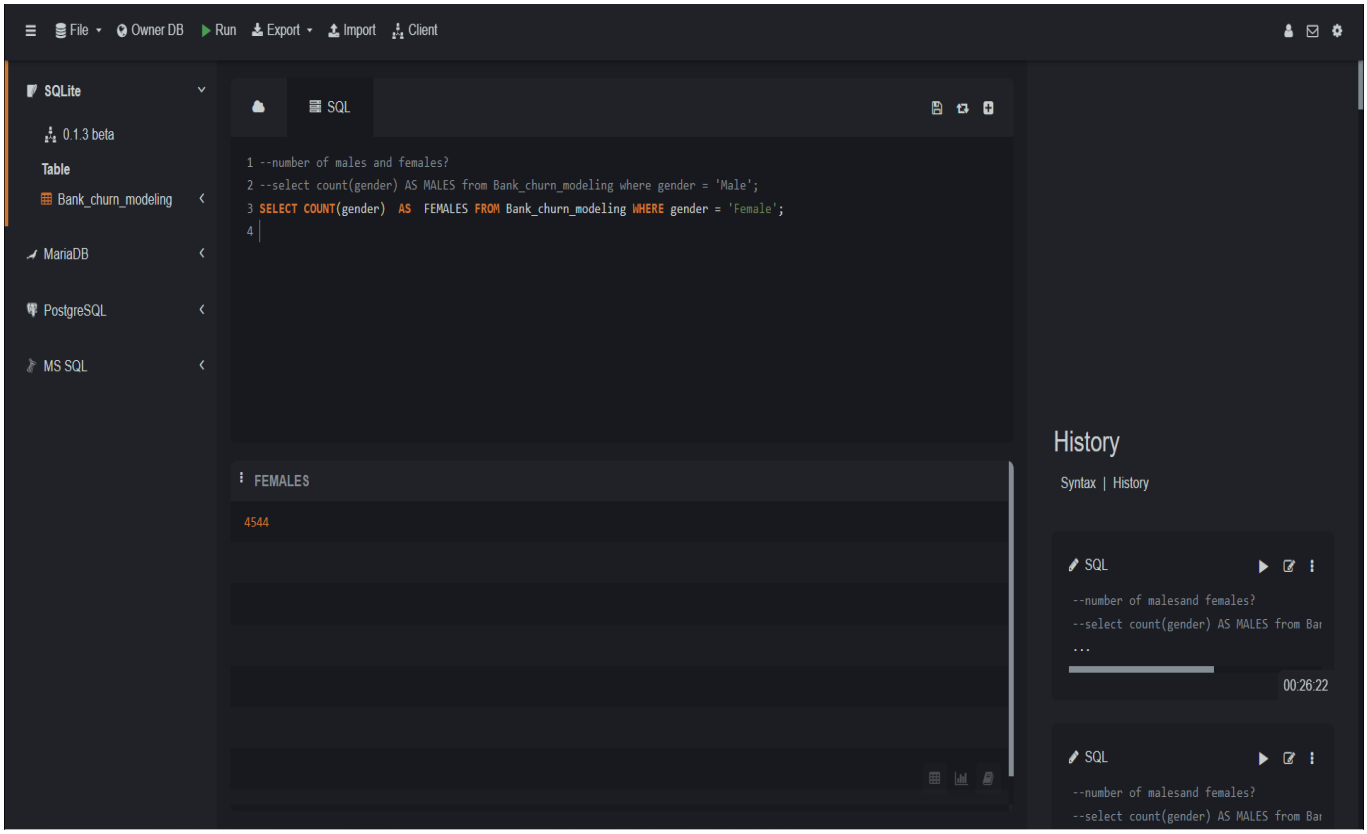
DATABASE- Bank_churn_modelling

DATABASE – Bank_churning_data

Q6) Number of males and females?

Syntax-

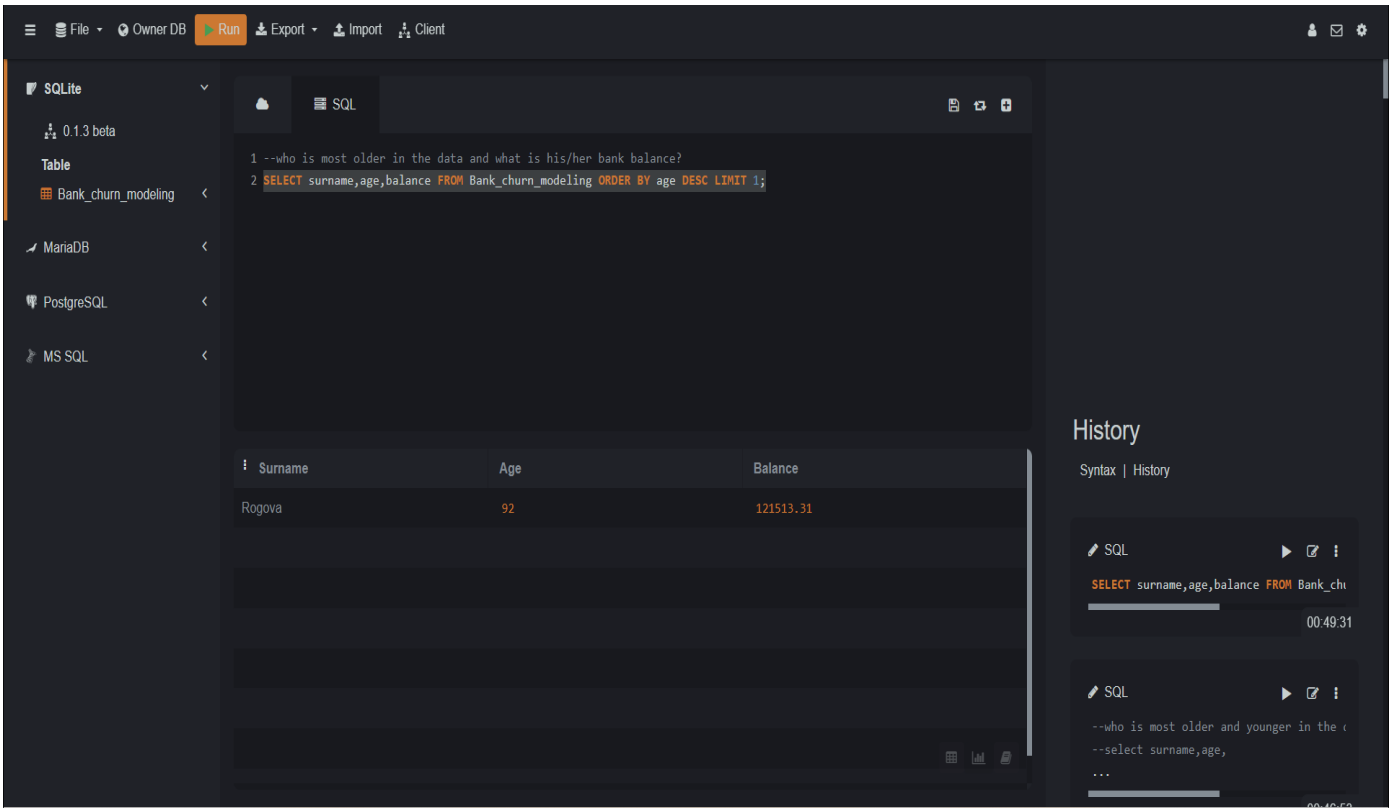
Select count(gender) AS FEMALES from Bank_churn_modeling where gender = 'Female';



Q7) Who is most old in the data and what is his/her bank balance?

Syntax-

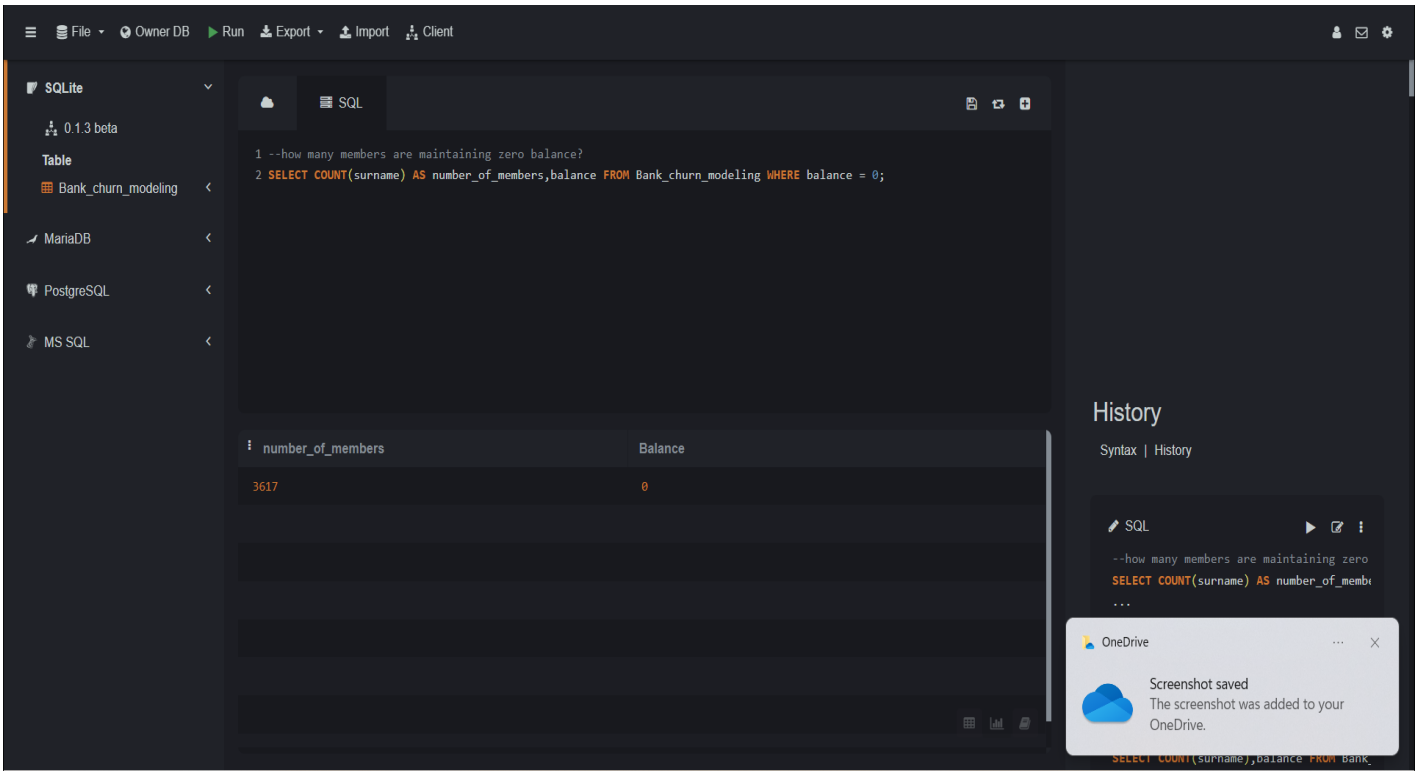
select surname, age, balance from Bank_churn_modeling order by age DESC LIMIT 1;



Q8) How many members are maintaining zero balance?

Syntax-

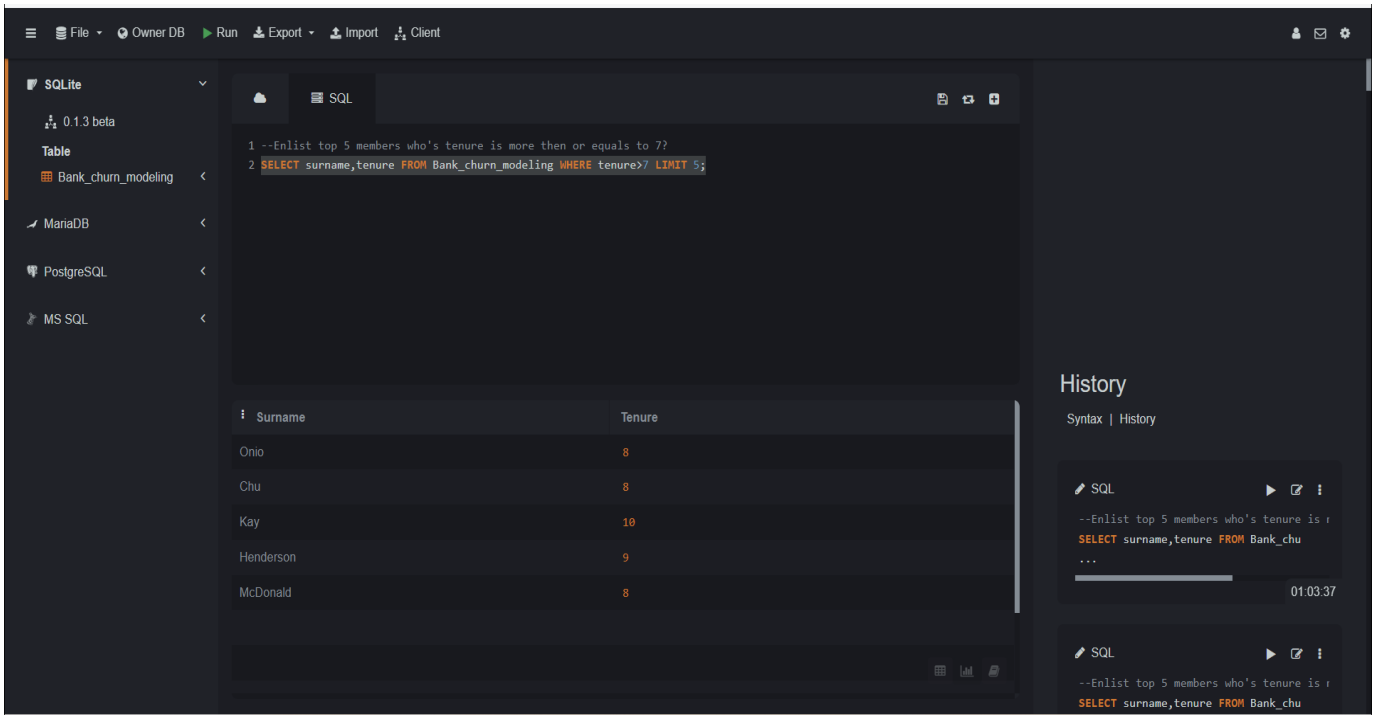
SELECT COUNT (surname) as number_of_members, balance from Bank_churn_modeling WHERE balance = 0;



Q9) Enlist top 5 members who's tenure is more then to 7?

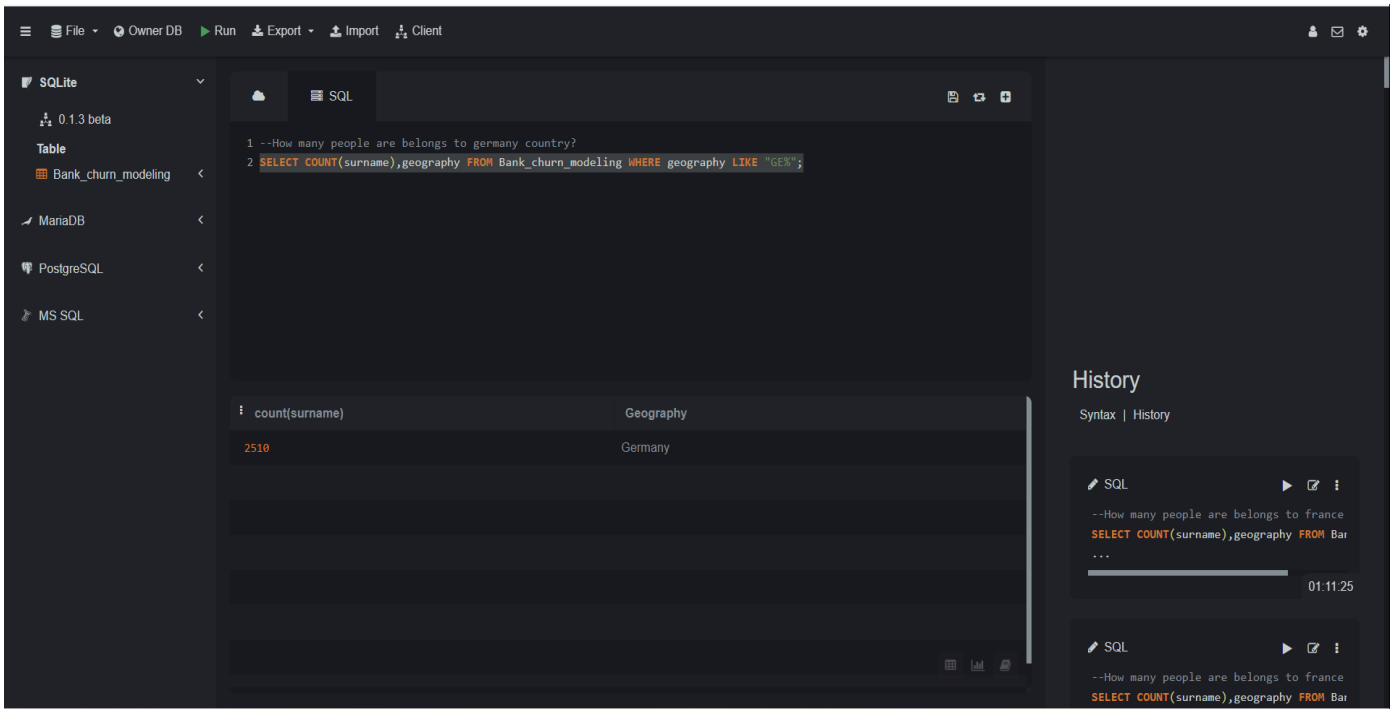
Syntax-

Select surname, tenure from Bank_churn_modeling where tenure>7 LIMIT 5;



Q10) How many people are belongs to Germany country?

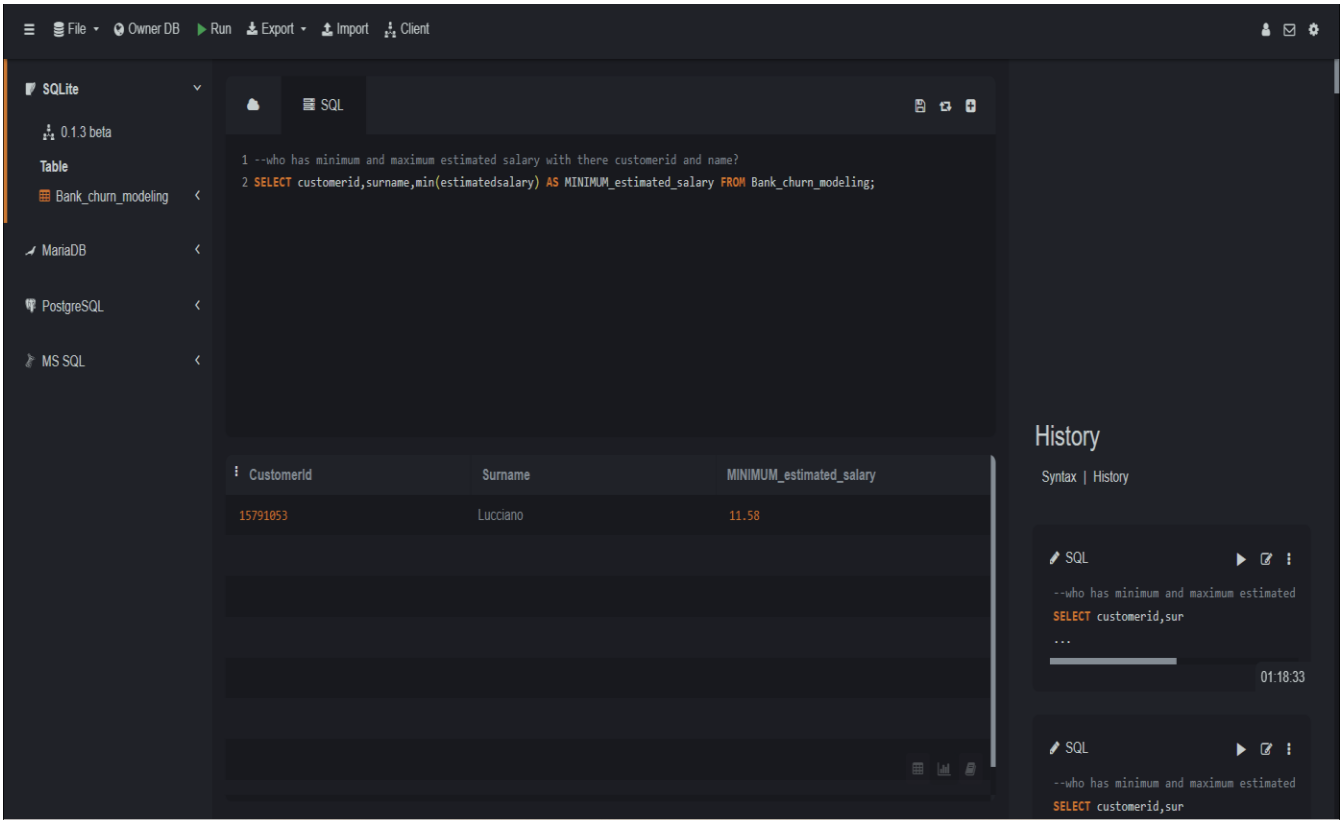
Syntax- SELECT count(surname), geography from Bank_churn_modeling where geography like "GE%";



Q11) Who has minimum and maximum estimated salary with there customer_id and name?

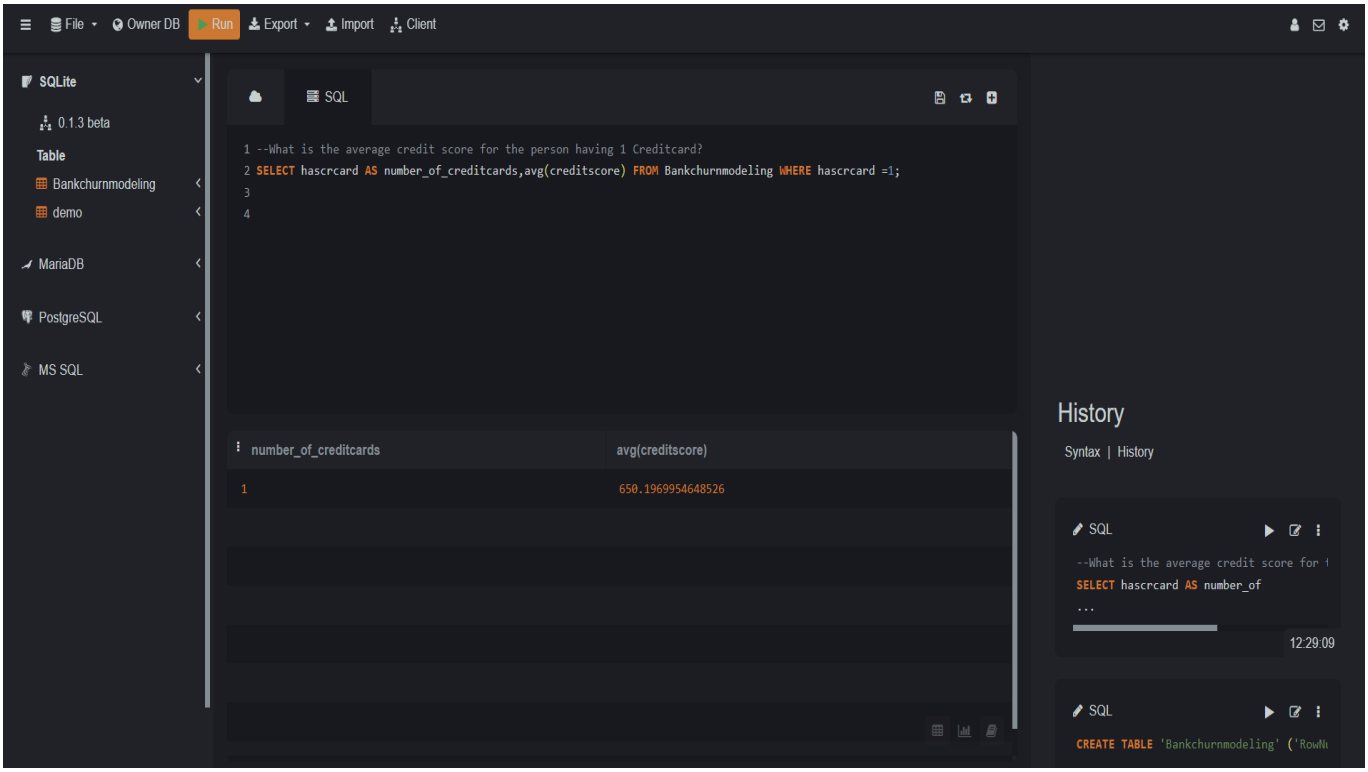
Syntax-

- SELECT customer_id, surname, min(estimatedsalary) as MINIMUM_estimated_salary from Bank_churn_modeling;
- SELECT customer_id, surname, max(estimatedsalary) as MAXIMUM_estimated_salary from Bank_churn_modeling;



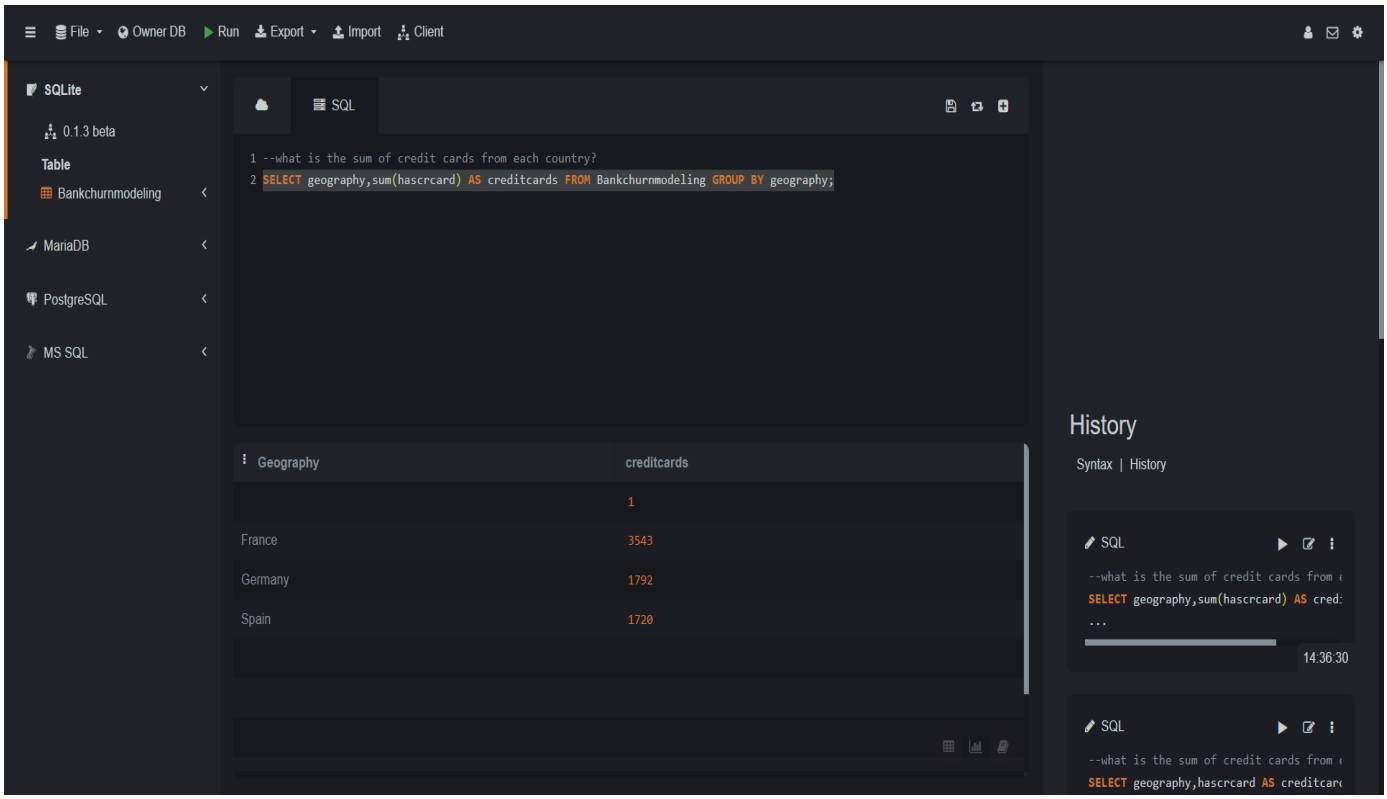
Q12) What is the average credit score for the person having 1 Creditcard?

SYNTAX- SELECT hascrcard as number_of_creditcards, avg(creditscore) from Bankchurnmodeling where hascrcard =1;



Q13) What is the sum of credit cards from each country?

SYNTAX- select geography, sum(hascrcard) as creditcards from Bankchurnmodeling group by geography;

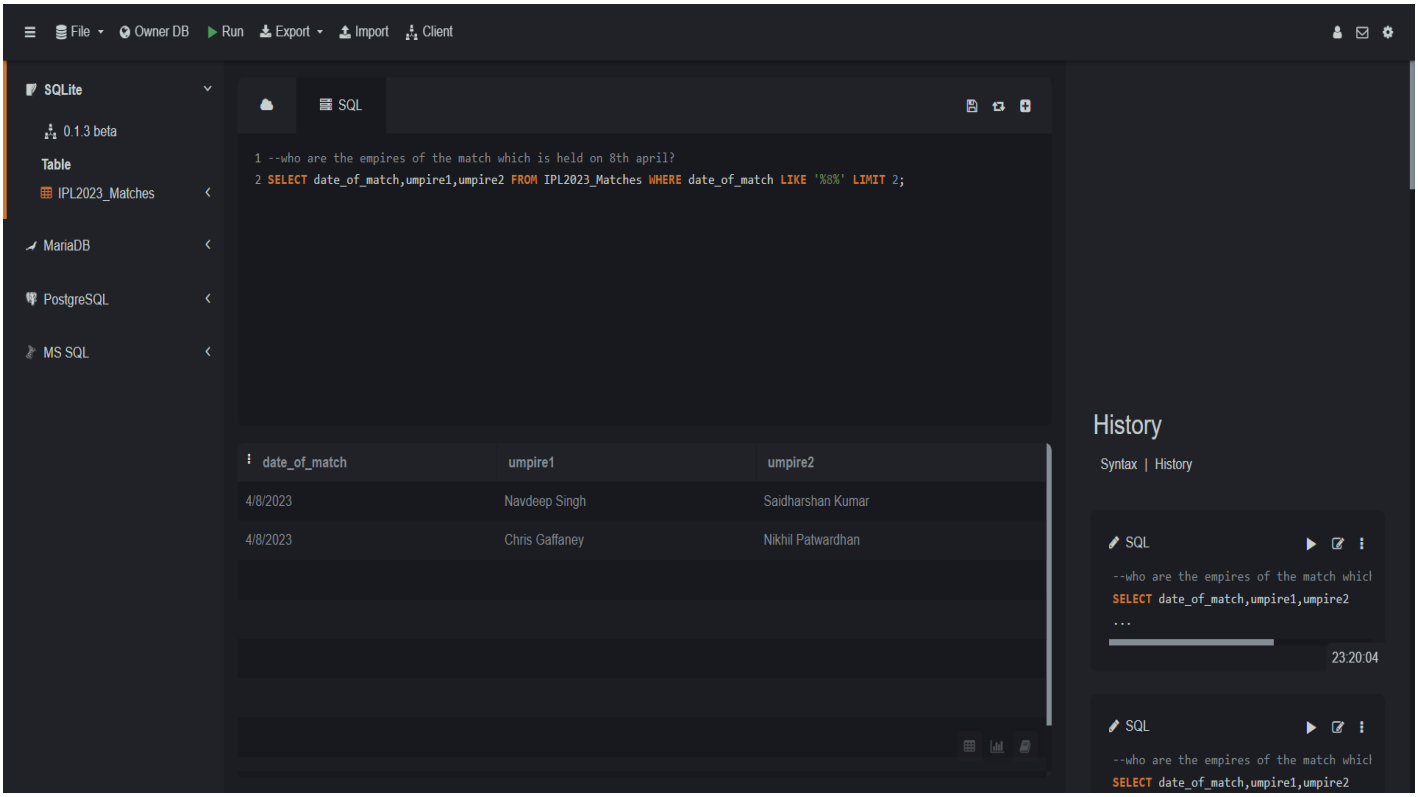


DATABASE – IPL_2023 MATCHES

Q14) Who are the empires of the match which is held on 8th April?

SYNTAX –

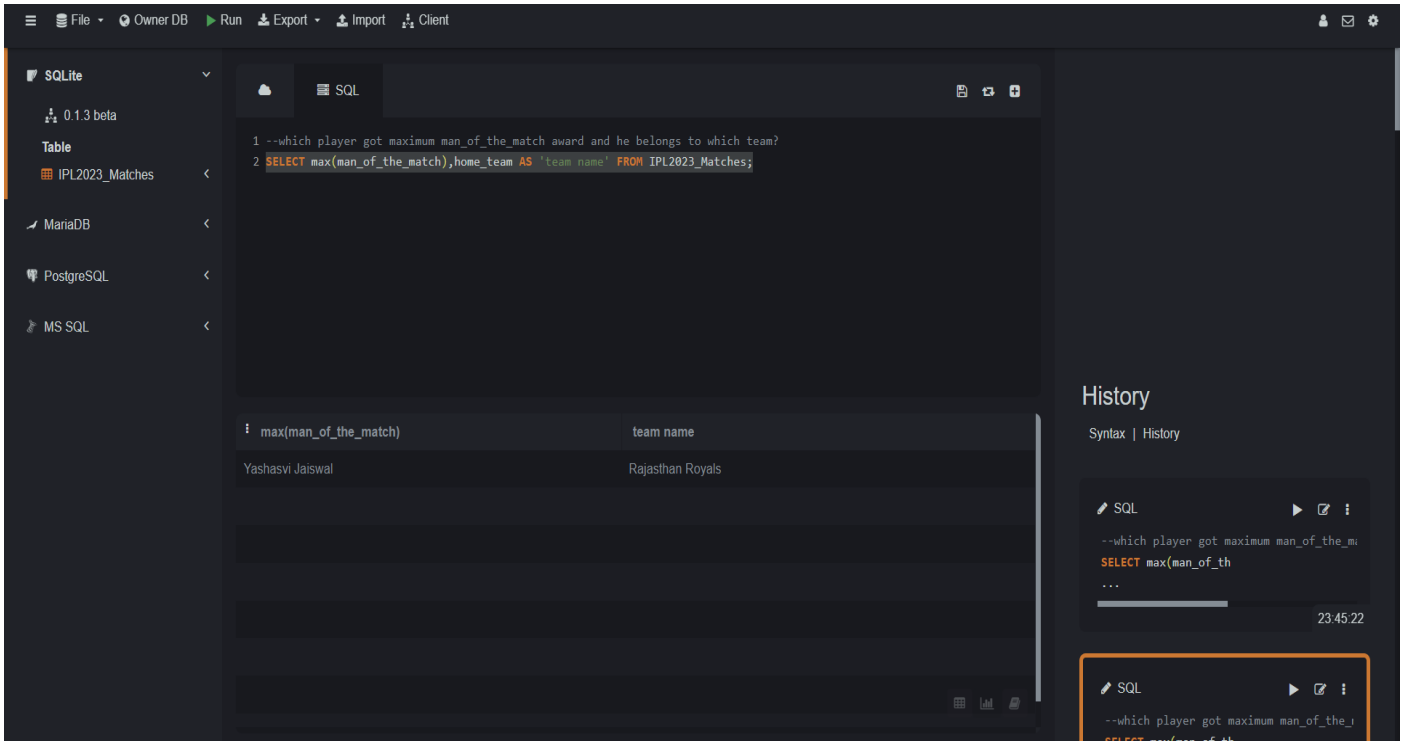
select date_of_match, umpire1, umpire2 from IPL2023_Matches where date_of_match like '%8%' LIMIT 2;



Q15) which player got maximum man_of_the_match award and he belongs to which team?

SYNTAX –

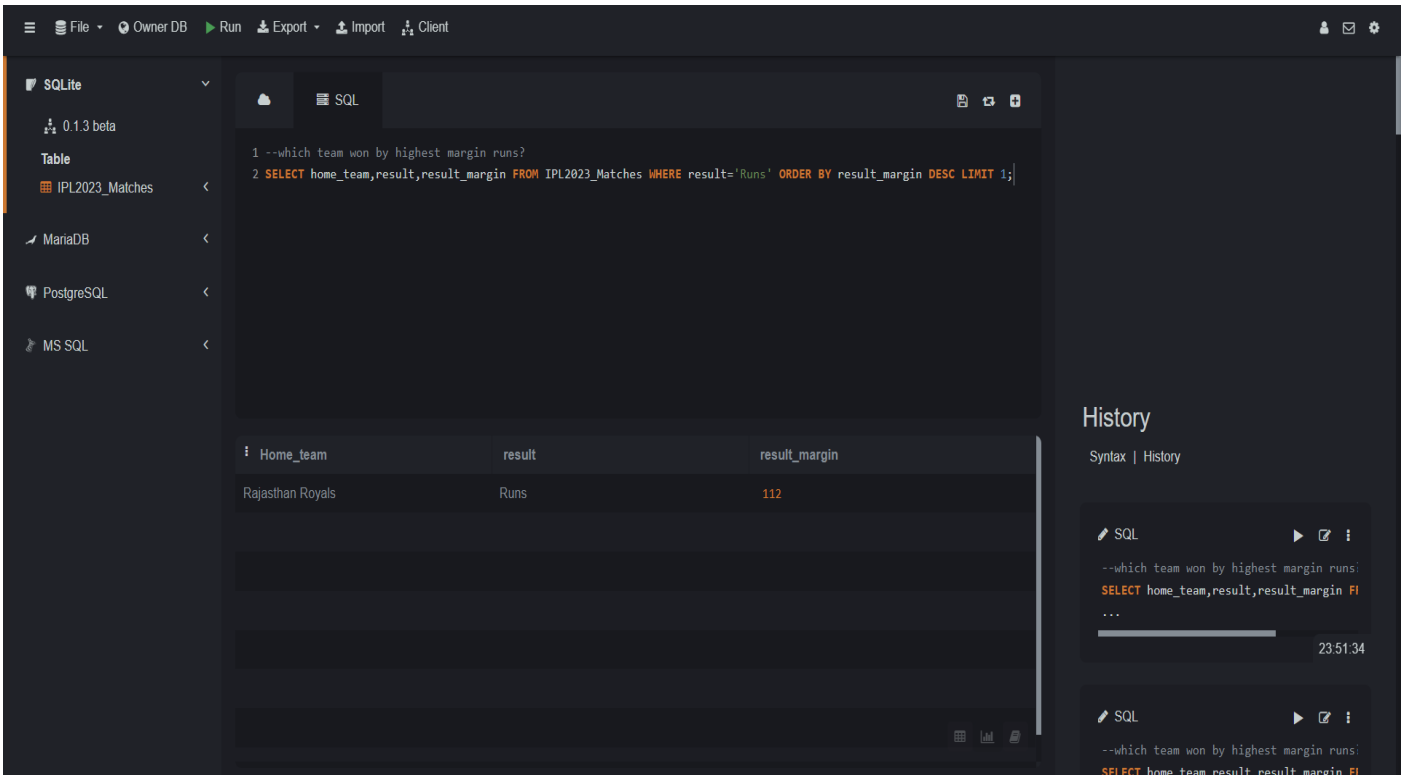
select max(man_of_the_match), home_team as 'team name' from IPL2023_Matches;



Q16) Which team won by highest margin runs?

SYNTAX –

SELECT home_team, result, result_margin from IPL2023_Matches where result='Runs' order by result_margin DESC LIMIT 1;

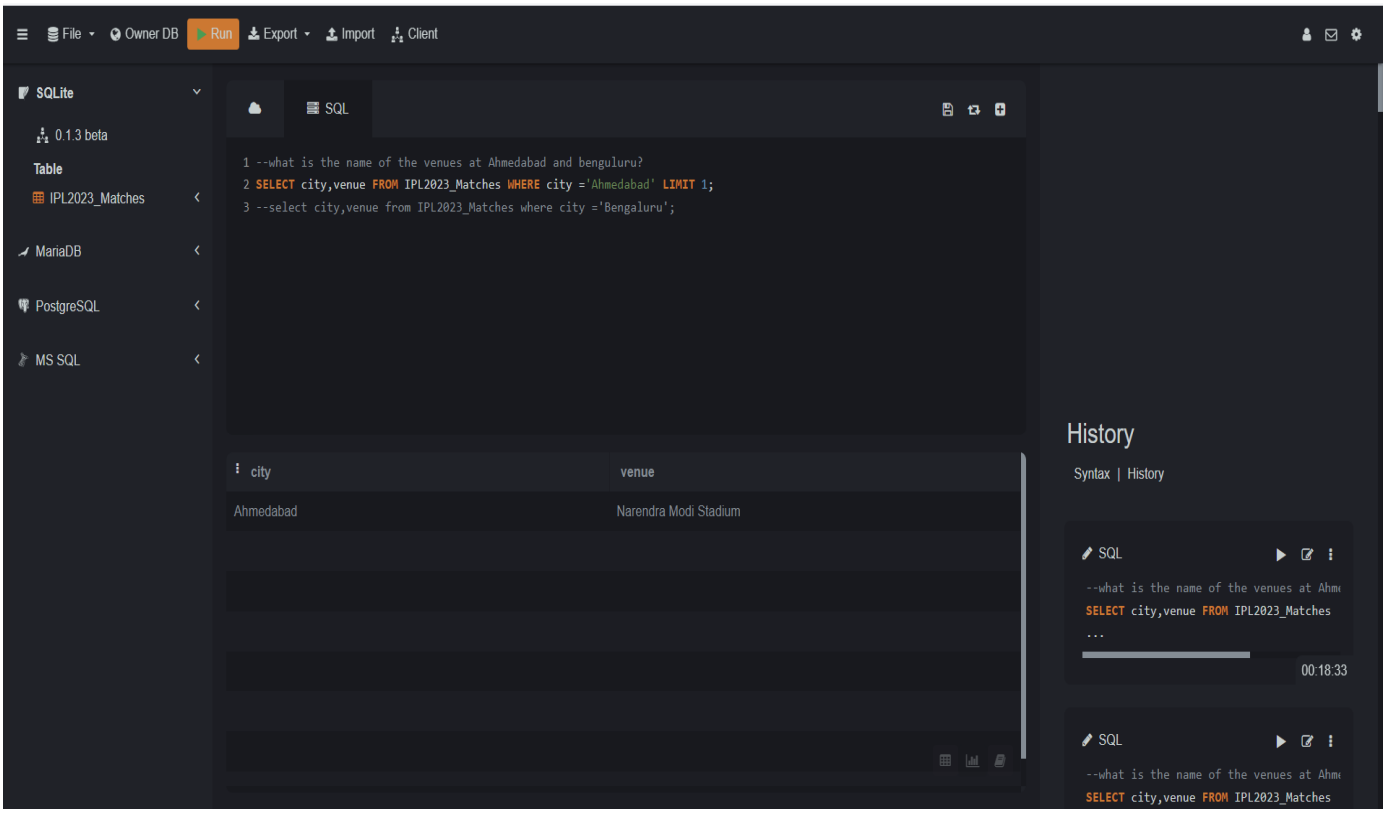


Q17) what is the name of the venues at Ahmedabad and Bengaluru?

SYNTAX –

select city, venue from IPL2023_Matches where city ='Ahmedabad';

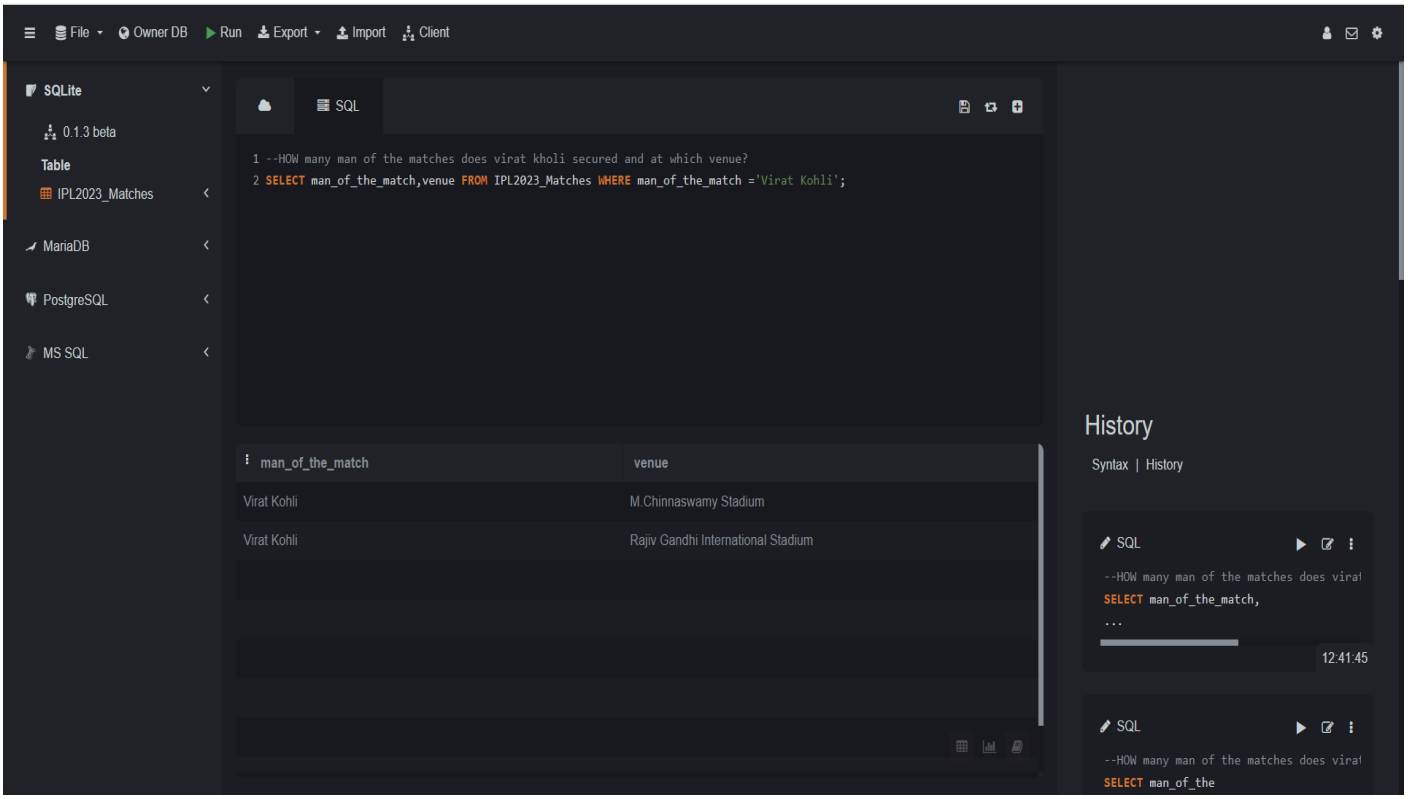
select city, venue from IPL2023_Matches where city ='Bengaluru';



Q18) HOW many man of the matches does virat kholi secured and at which venue?

SYNTAX-

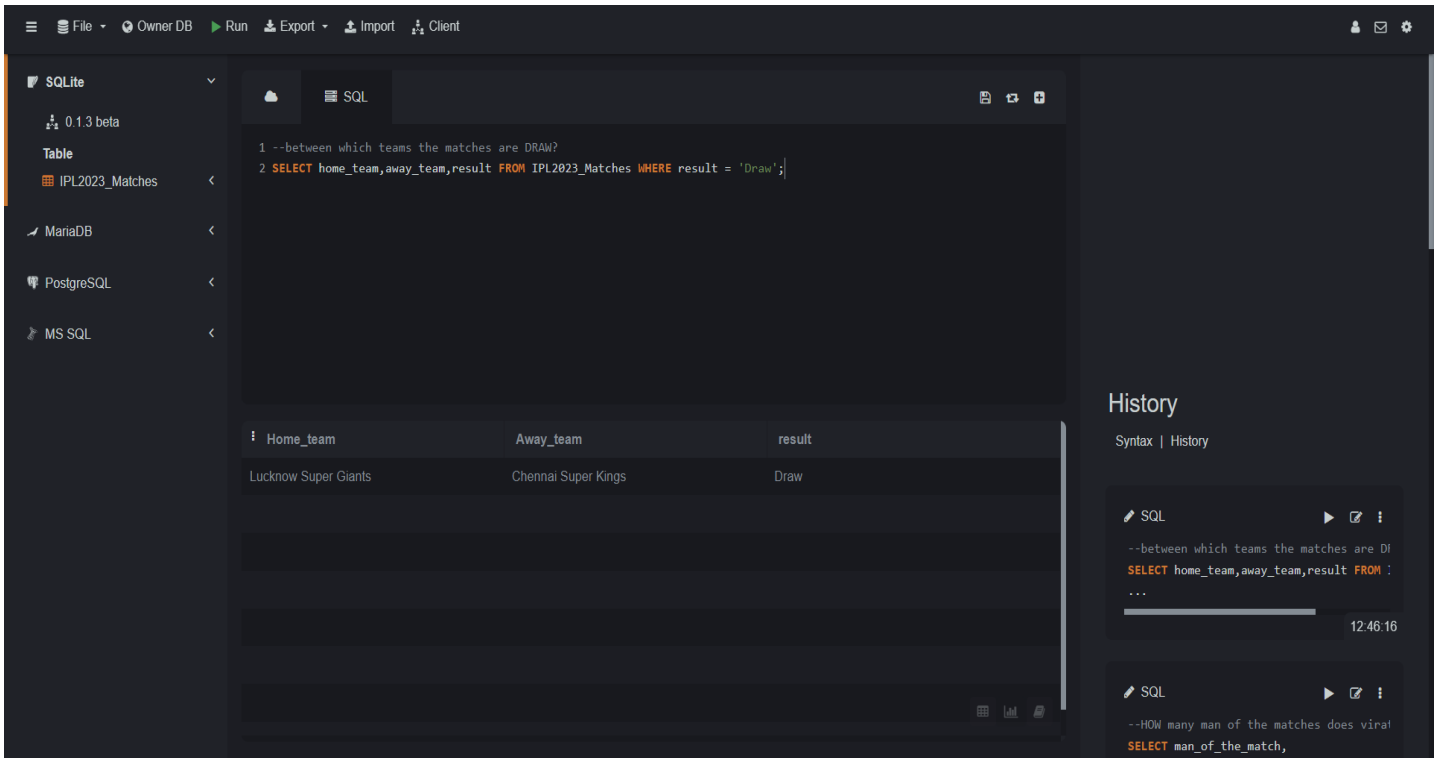
select man_of_the_match, venue from IPL2023_Matches where man_of_the_match ='Virat Kohli';



Q19) Between which teams the matches are DRAW?

SYNTAX –

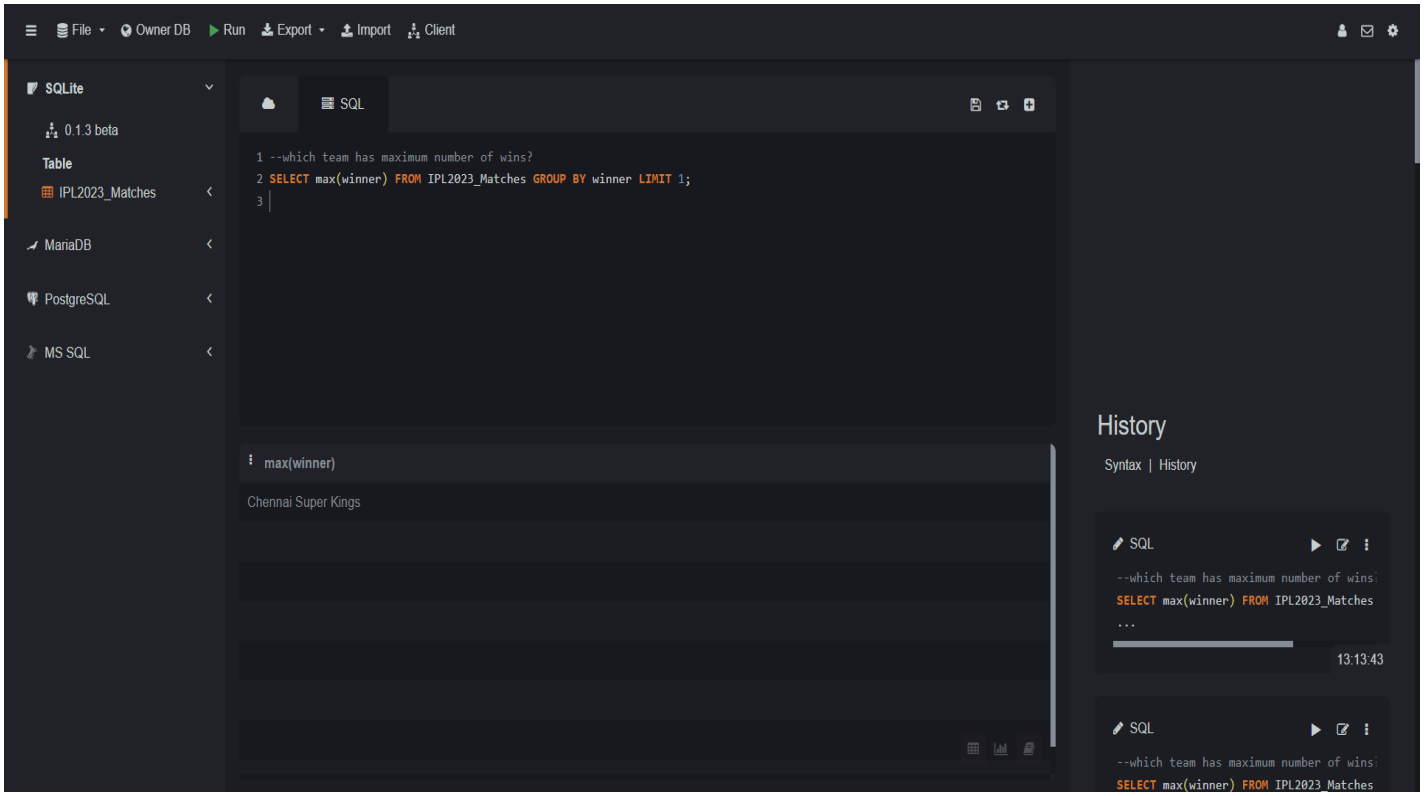
select home_team, away_team, result from IPL2023_Matches where result = 'Draw';



Q20) Which team has maximum number of wins?

SYNTAX –

select max(winner) from IPL2023_Matches GROUP by winner limit 1;



-**THE END**