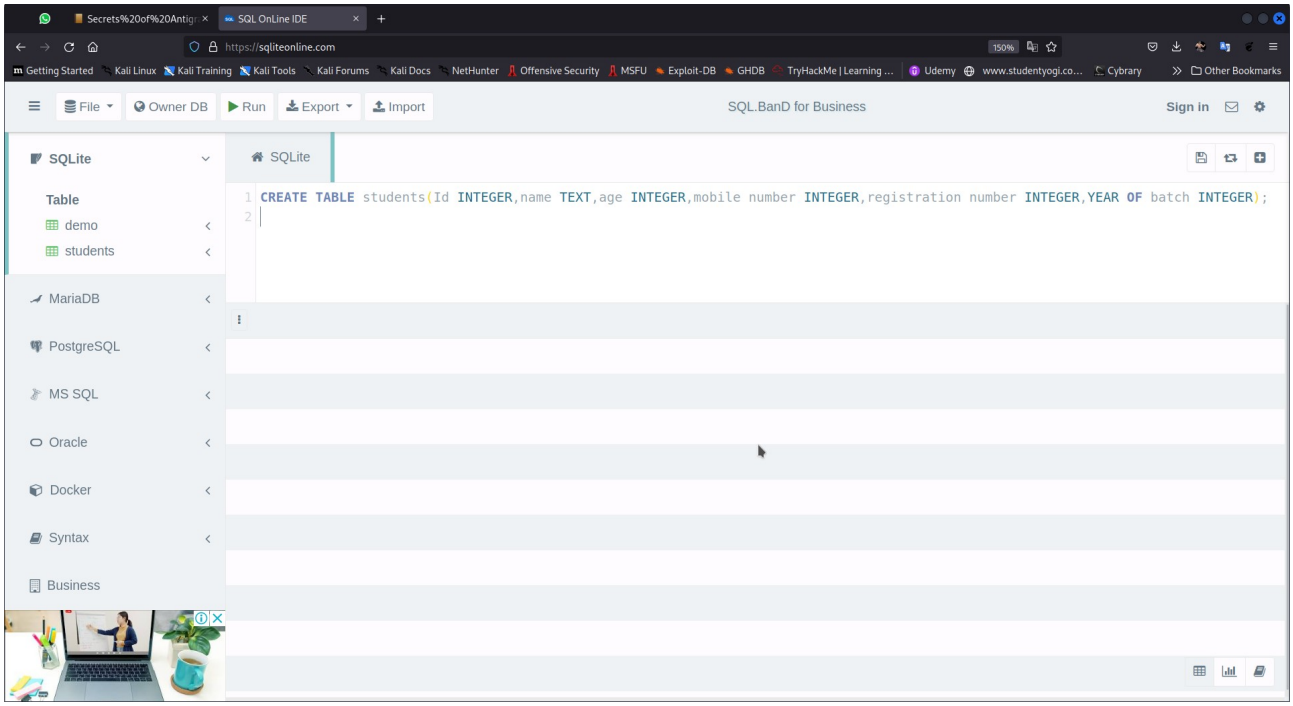
Assignment 1:

Create a DB for Your College with following parameters:

1.Create a table for students with name, age, mobile no, registration no., year of batch as columns:

QUERY:

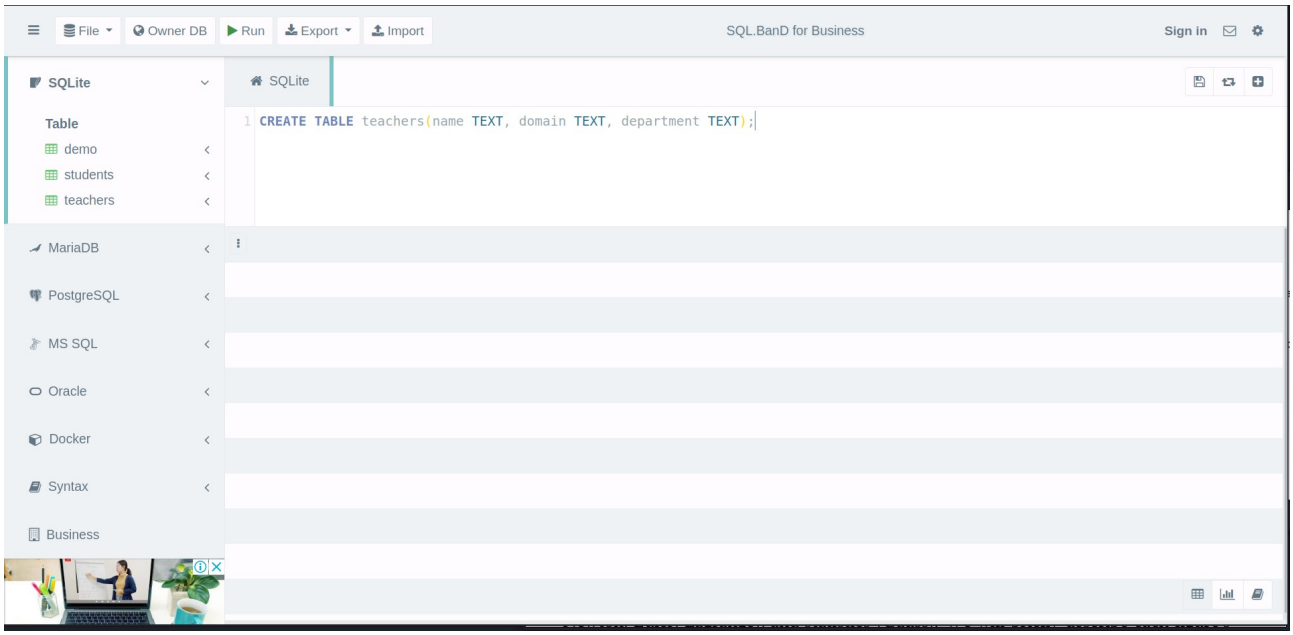
CREATE table students(Id INTEGER,name TEXT,age INTEGER,mobile number INTEGER,registration number INTEGER,year of batch INTEGER);



2.Create a table for teachers with name,domain,department as column:

Query:

CREATE TABLE teachers(name TEXT, domain TEXT, department TEXT);

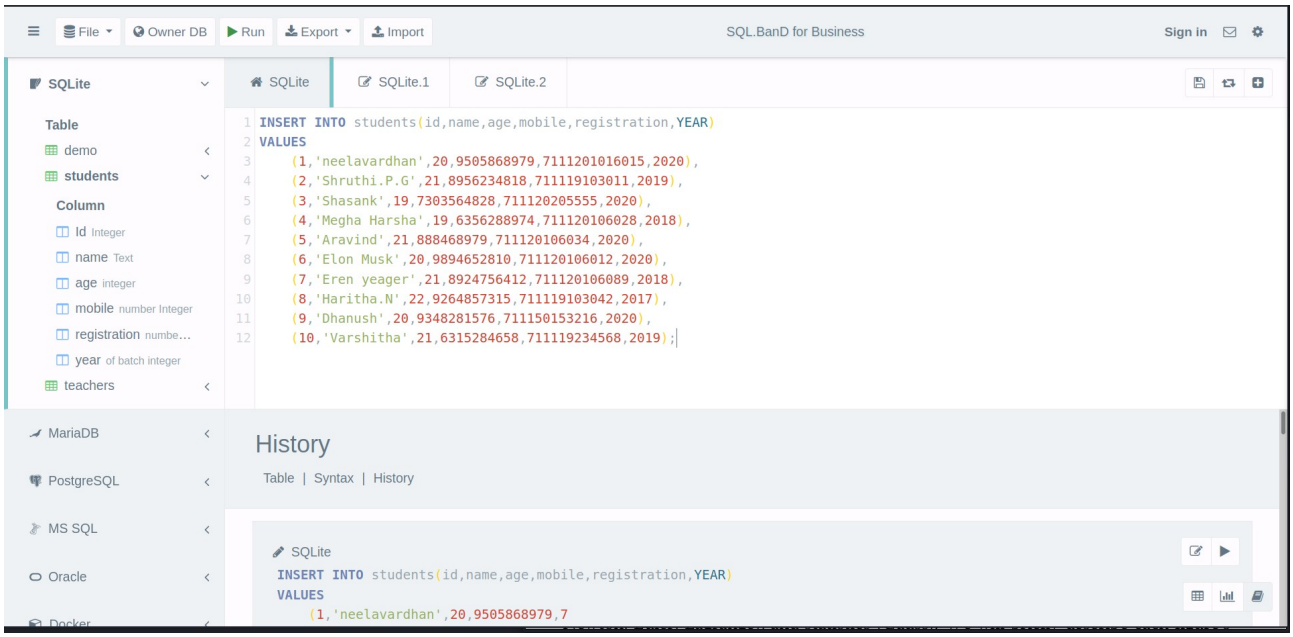


3.Write a query to insert 10 students data and 10 teachers data in the respective table:

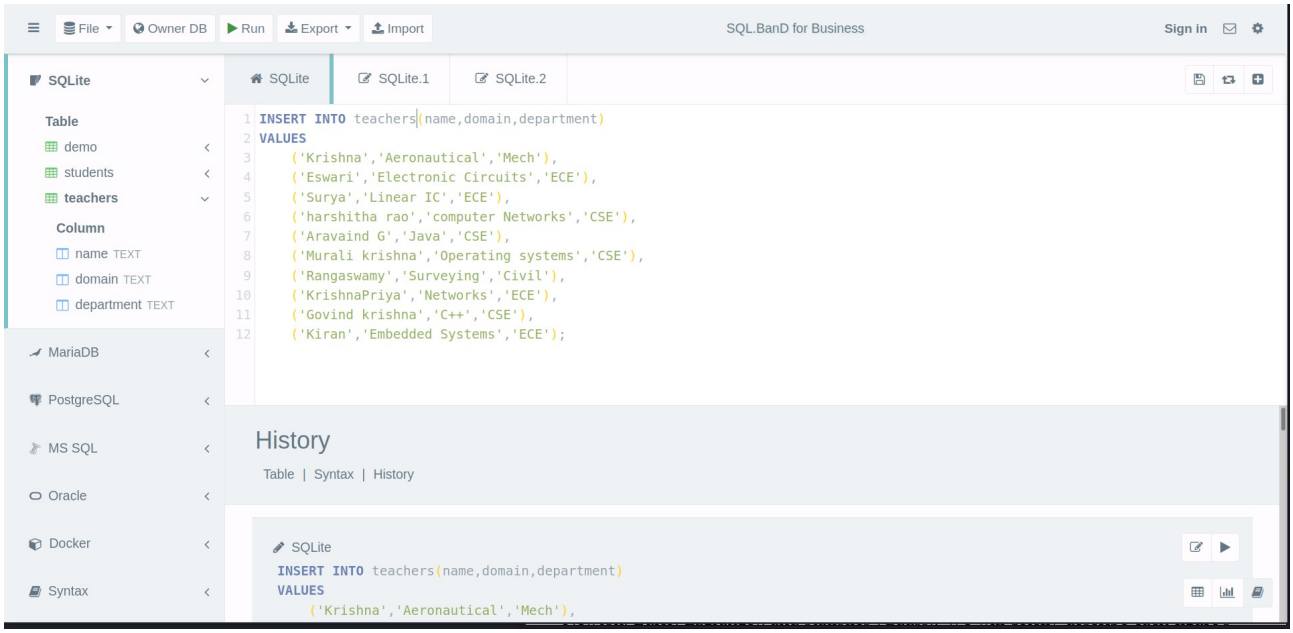
Query:for students table

INSERT INTO students(id,name,age,mobile,registration,year)

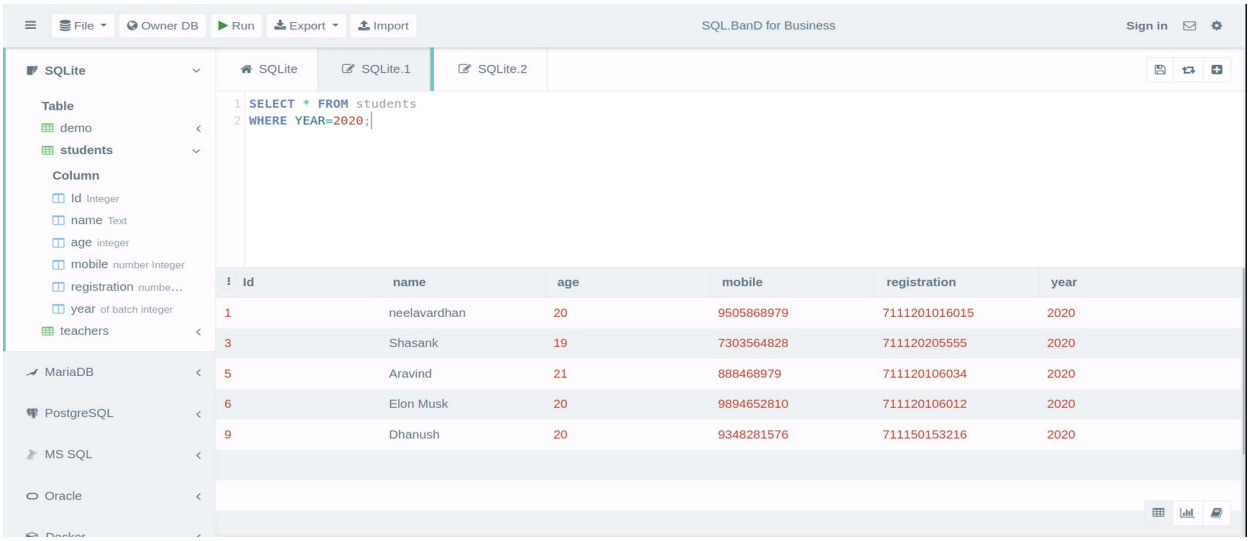
VALUES
(1,'neelavardhan',20,9505868979,7111201016015,2020),
(2,'Shruthi.P.G',21,8956234818,711119103011,2019),
(3,'Shasank',19,7303564828,711120205555,2020),
(4,'Megha Harsha',19,6356288974,711120106028,2018),
(5,'Aravind',21,888468979,711120106034,2020),
(6,'Elon Musk',20,9894652810,711120106012,2020),
(7,'Eren yeager',21,8924756412,711120106089,2018),
(8,'Haritha.N',22,9264857315,711119103042,2017),
(9,'Dhanush',20,9348281576,711150153216,2020),
(10,'Varshitha',21,6315284658,711119234568,2019);



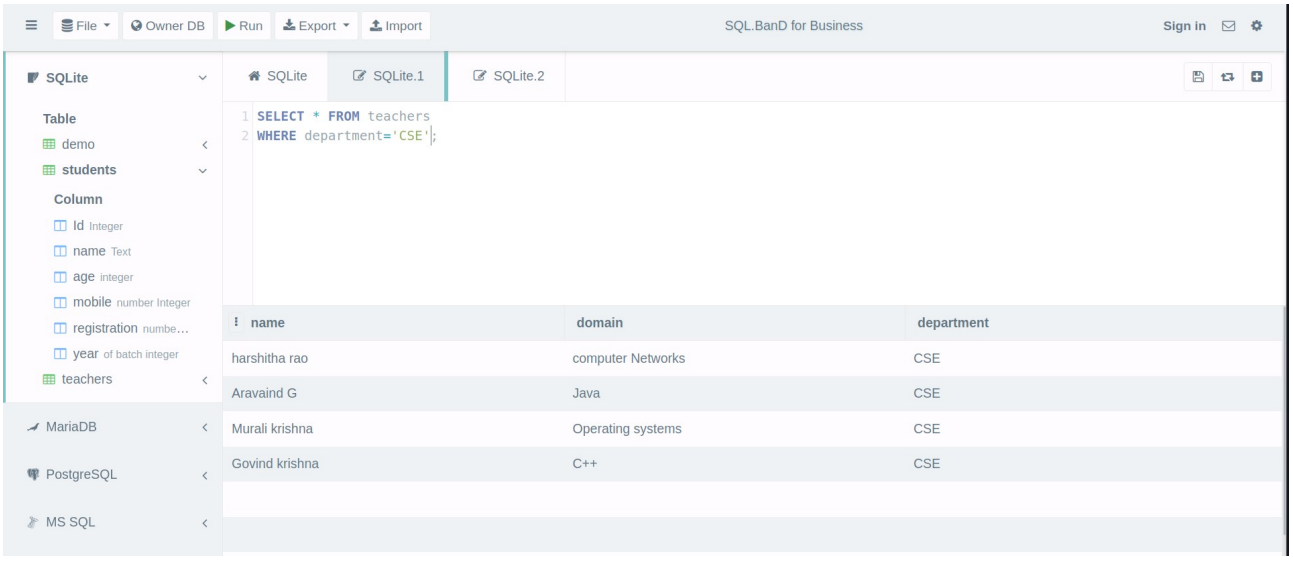
For teachers:
Query:
INSERT INTO teachers(name,domain,department)
VALUES
('Krishna','Aeronautical','Mech'),
('Eswari','Electronic Circuits','ECE'),
('Surya','Linear IC','ECE'),
('harshitha rao','computer Networks','CSE'),
('Aravaind G','Java','CSE'),
('Murali krishna','Operating systems','CSE'),
('Rangaswamy','Surveying','Civil'),
('KrishnaPriya','Networks','ECE'),
('Govind krishna','C++','CSE'),
('Kiran','Embedded Systems','ECE');



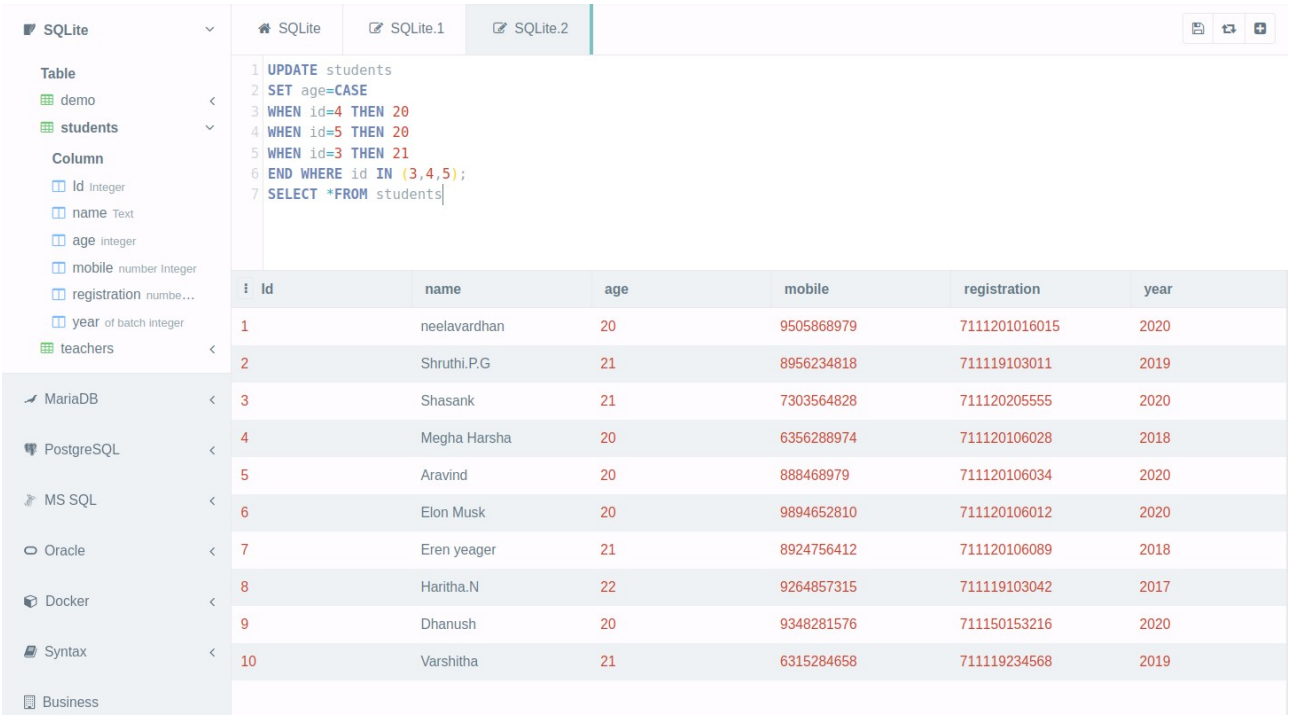
4.Write a query to fetch all students from 2020 batch;
query :
SELECT * from students
where year=2020;



5.Write a query to fetch all teachers from CSE Department;
query:
SELECT * from teachers where department='CSE';



6. Write a query to edit at least 3 records of students:
Query:
UPDATE students
SET age=CASE
WHEN id=4 then 20
when id=5 then 20
when id=3 then 21
end where id in (3,4,5);
SELECT *from students



7.Write a query to delete 2 records from teachers table:
query:
delete from teachers
where
name='Kiran' and
name='Aravaind G';
SELECT *from teachers;