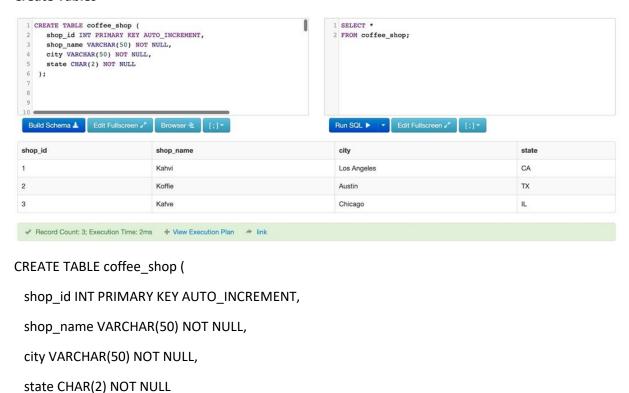
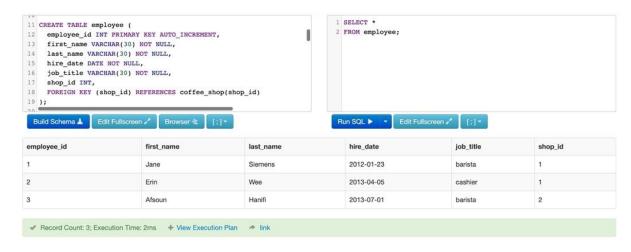
Create Tables

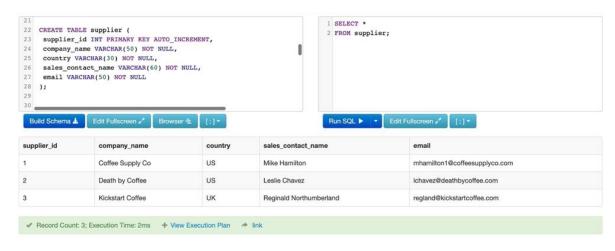
);





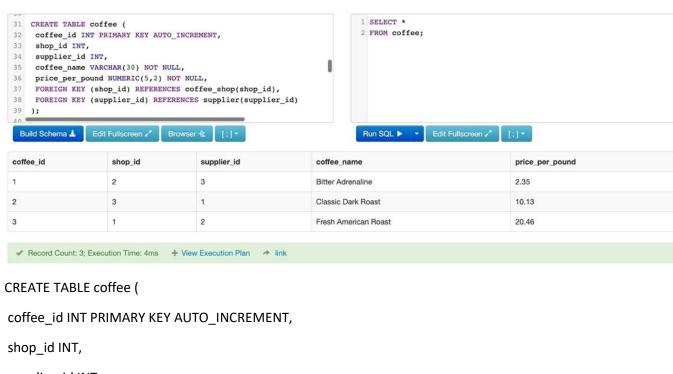
CREATE TABLE employee (

```
employee_id INT PRIMARY KEY AUTO_INCREMENT,
first_name VARCHAR(30) NOT NULL,
last_name VARCHAR(30) NOT NULL,
hire_date DATE NOT NULL,
job_title VARCHAR(30) NOT NULL,
shop_id INT,
FOREIGN KEY (shop_id) REFERENCES coffee_shop(shop_id)
);
```



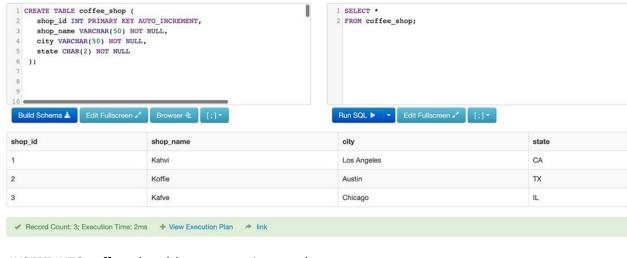
CREATE TABLE supplier (

supplier_id INT PRIMARY KEY AUTO_INCREMENT, company_name VARCHAR(50) NOT NULL, country VARCHAR(30) NOT NULL, sales_contact_name VARCHAR(60) NOT NULL, email VARCHAR(50) NOT NULL



supplier_id INT, coffee_name VARCHAR(30) NOT NULL, price_per_pound NUMERIC(5,2) NOT NULL, FOREIGN KEY (shop_id) REFERENCES coffee_shop(shop_id), FOREIGN KEY (supplier_id) REFERENCES supplier(supplier_id));

Insert Data

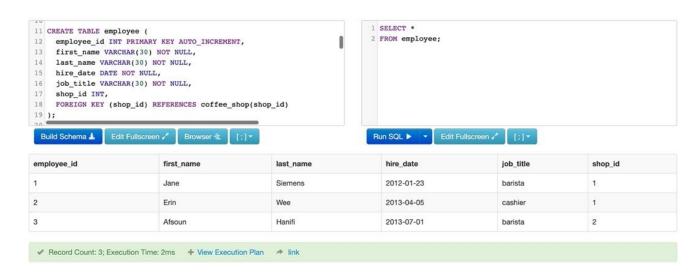


INSERT INTO coffee_shop (shop_name, city, state)

VALUES ('Kahvi', 'Los Angeles', 'CA'),

('Koffie', 'Austin', 'TX'),

('Kafve', 'Chicago', 'IL');

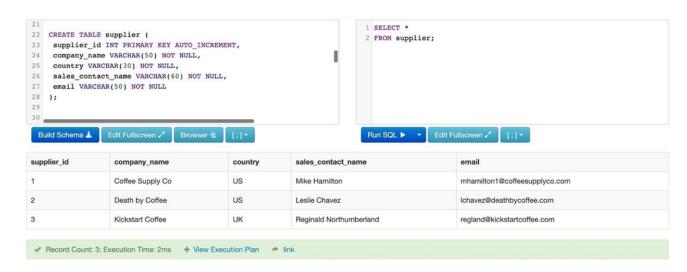


INSERT INTO employee (first_name, last_name, hire_date, job_title, shop_id)

VALUES ('Jane', 'Siemens', '2012-1-23', 'barista', 1),

('Erin', 'Wee', '2013-4-5', 'cashier', 1),

('Afsoun', 'Hanifi', '2013-7-1', 'barista', 2);

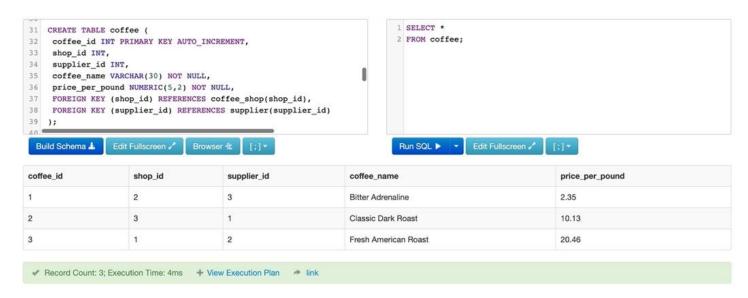


INSERT INTO supplier (company_name, country, sales_contact_name, email)

VALUES ('Coffee Supply Co', 'US', 'Mike Hamilton', 'mhamilton1@coffeesupplyco.com'),

('Death by Coffee', 'US', 'Leslie Chavez', 'lchavez@deathbycoffee.com'),

('Kickstart Coffee', 'UK', 'Reginald Northumberland', 'regland@kickstartcoffee.com');



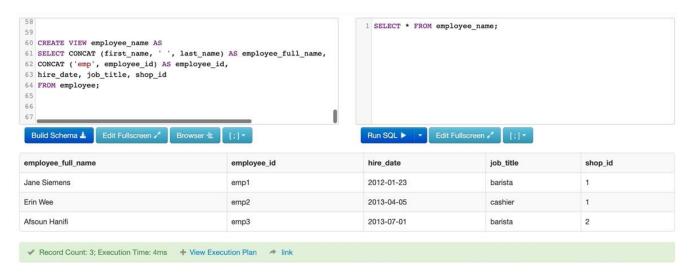
INSERT INTO coffee (shop_id, supplier_id, coffee_name, price_per_pound)

VALUES (2, 3, 'Bitter Adrenaline', 2.35),

(3, 1, 'Classic Dark Roast', 10.13),

(1, 2, 'Fresh American Roast', 20.46);

Create a View



CREATE VIEW employee_name AS

SELECT CONCAT (first_name, '', last_name) AS employee_full_name, CONCAT ('emp', employee_id) AS employee_id,

hire_date, job_title, shop_id

FROM employee;

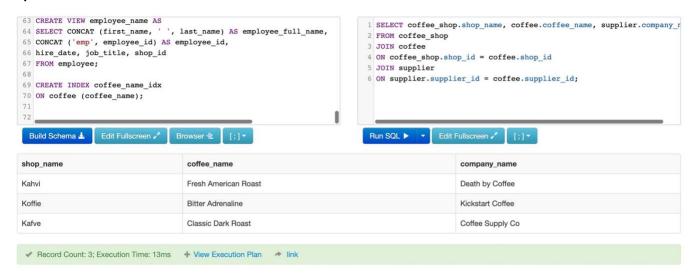
Create an Index



CREATE INDEX coffee_name_idx

ON coffee (coffee_name);

EquiJoin



SELECT coffee_shop.shop_name, coffee.coffee_name, supplier.company_name

FROM coffee_shop

JOIN coffee

ON coffee_shop.shop_id = coffee.shop_id

JOIN supplier

ON supplier_supplier_id = coffee.supplier_id;