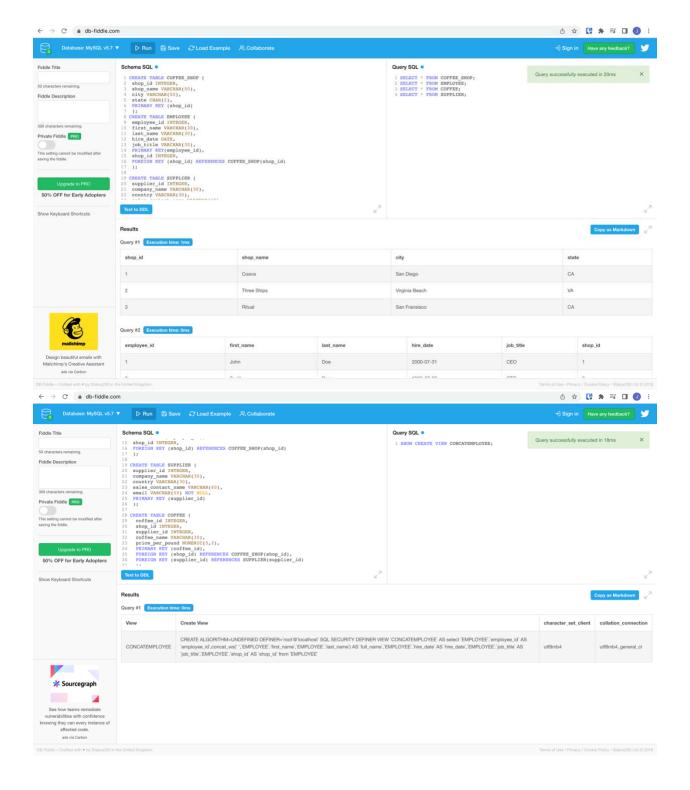
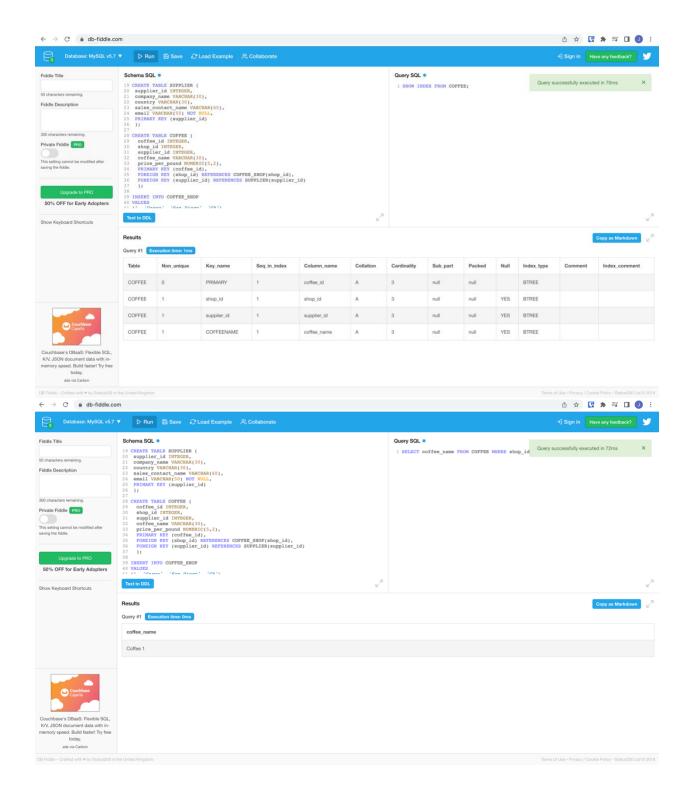
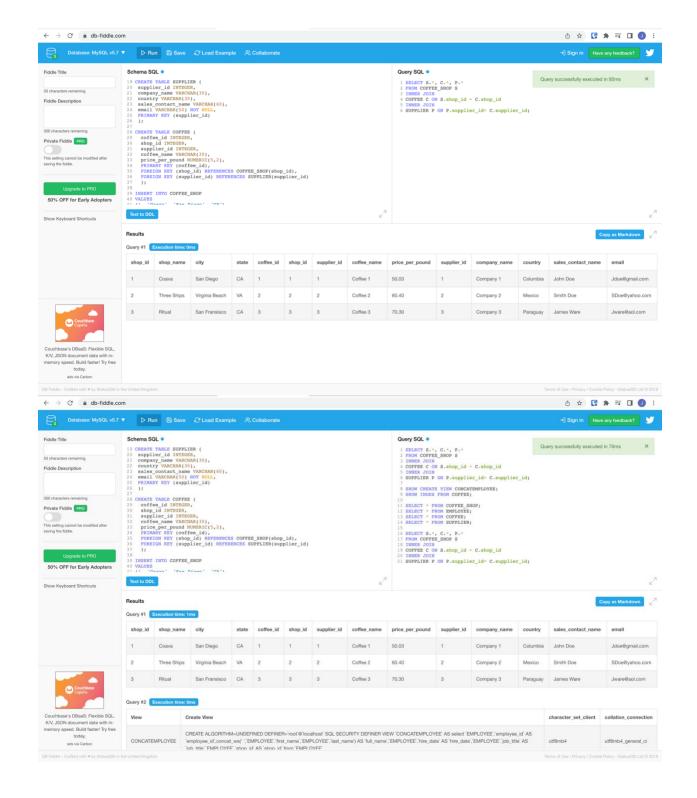


Text to DDL

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## **SQL Code:**

```
CREATE TABLE COFFEE SHOP (
shop id INTEGER,
shop name VARCHAR(50),
city VARCHAR(50),
state CHAR(2),
PRIMARY KEY (shop id)
);
CREATE TABLE EMPLOYEE (
employee id INTEGER,
first name VARCHAR(30),
last name VARCHAR(30),
hire date DATE,
job title VARCHAR(30),
PRIMARY KEY(employee id),
shop id INTEGER,
FOREIGN KEY (shop_id) REFERENCES COFFEE_SHOP(shop_id)
);
CREATE TABLE SUPPLIER (
supplier id INTEGER,
company name VARCHAR(30),
country VARCHAR(30),
sales contact name VARCHAR(60),
email VARCHAR(50) NOT NULL,
PRIMARY KEY (supplier id)
);
CREATE TABLE COFFEE (
 coffee id INTEGER,
 shop id INTEGER,
 supplier id INTEGER,
 coffee name VARCHAR(30),
price per pound NUMERIC(5,2),
 PRIMARY KEY (coffee id),
 FOREIGN KEY (shop id) REFERENCES COFFEE SHOP(shop id),
 FOREIGN KEY (supplier id) REFERENCES SUPPLIER(supplier id)
);
INSERT INTO COFFEE SHOP
VALUES
(1, 'Coava', 'San Diego', 'CA'),
(2, 'Three Ships', 'Virginia Beach', 'VA'),
```

```
(3, 'Ritual', 'San Fransisco', 'CA');
INSERT INTO EMPLOYEE
VALUES
(1, 'John', 'Doe', '2000-07-31', 'CEO', 1),
(2, 'Smith', 'Doe', '1998-07-22', 'CTO', 2),
(3, 'James', 'Ware', '2000-06-05', 'CFO', 3);
INSERT INTO SUPPLIER
VALUES
(1, 'Company 1', 'Columbia', 'John Doe', 'Jdoe@gmail.com'),
(2, 'Company 2', 'Mexico', 'Smith Doe', 'SDoe@yahoo.com'),
(3, 'Company 3', 'Paraguay', 'James Ware', 'Jware@aol.com');
INSERT INTO COFFEE
VALUES
(1, 1, 1, 'Coffee 1', 50.03),
(2, 2, 2, 'Coffee 2', 60.40),
(3, 3, 3, 'Coffee 3', 70.30);
CREATE VIEW CONCATEMPLOYEE AS
SELECT employee_id, CONCAT_WS('', first_name, last_name) AS full_name, hire_date,
job title, shop id
FROM EMPLOYEE;
CREATE INDEX COFFEENAME
ON COFFEE (coffee name);
SQL Queries:
SELECT S.*, C.*, P.*
FROM COFFEE SHOPS
INNER JOIN
COFFEE C ON S.shop id = C.shop id
INNER JOIN
SUPPLIER P ON P.supplier_id= C.supplier_id;
SHOW CREATE VIEW CONCATEMPLOYEE;
SHOW INDEX FROM COFFEE;
SELECT * FROM COFFEE SHOP;
SELECT * FROM EMPLOYEE;
SELECT * FROM COFFEE;
SELECT * FROM SUPPLIER;
```

SELECT S.\*, C.\*, P.\*

FROM COFFEE\_SHOP S

INNER JOIN

COFFEE C ON S.shop\_id = C.shop\_id

INNER JOIN

SUPPLIER P ON P.supplier\_id= C.supplier\_id;