Student Name

Course Title

Assignment Name

Date

Normalization And Database

PART A.

1. a. The attributes from the 1NF table have been assigned to the correct 2NF tables as follows:

Table 1: Bagel_Order

Order_Number (PK)

Customer_Name

Order_Date

Table 2: Bagel_Order_Details

Order_Number (FK)

Bagel_Type

Quantity

b. The relationship between the two pairs of 2NF tables is one-to-many (1:M).

c. The attributes were assigned to the 2NF tables based on the fact that the attributes Customer_Name and Order_Date need to be associated with each order and the attributes Bagel_Type and Quantity need to be associated with each bagel type and quantity ordered. The cardinality of the relationships between the 2NF tables was determined by identifying the fact that each order can have multiple bagel types and quantities associated with it, but each bagel type and quantity can only be associated with one order.

2. a. The attributes from the 2NF "Bagel Order" table have been assigned to the new 3NF tables as follows:

Table 1: Customer

Customer_ID (PK)

Customer_Name

Table 2: Order

Order_ID (PK)

Order_Date

Customer_ID (FK)

Table 3: Order_Details

Order_ID (FK)

Bagel_Type

Quantity

b. The 3NF tables have been named as follows: Customer, Order, and Order_Details.

c. The primary key for the Order table is Order_ID and the foreign key for the Order table is Customer_ID, which is linked to the primary key of the Customer table.

d. The relationships between the 3NF tables are as follows:

Customer: one-to-many (1:M) with Order

Order: one-to-many (1:M) with Order_Details

e. The attributes were assigned to the 3NF tables based on the fact that the attributes Customer_Name and Order_Date need to be associated with the customer and the order, respectively, and the attributes Bagel_Type and Quantity need to be associated with each bagel type and quantity ordered. The cardinality of the relationships between the 3NF tables was determined by identifying the fact that each customer can have multiple orders, each order can have multiple bagel types and quantities associated with it, but each bagel type and quantity can only be associated with one order.

3. a. The table names and cardinality information from the 3NF diagram have been copied into the “Final Physical Database Model” and the attributes have been renamed as follows:

Table 1: Customer

Customer_ID (PK)

Customer_Name

Table 2: Order

Order_ID (PK)

Order_Date

Customer_ID (FK)

Table 3: Order_Details

Order_ID (FK)

Bagel_Type

Quantity

b. The data types assigned to each attribute in the 3NF tables are as follows:

Customer:

Customer_ID: INTEGER

Customer_Name: VARCHAR()

Order:

Order_ID: INTEGER

Order_Date: TIMESTAMP

Customer_ID: INTEGER

Order_Details:

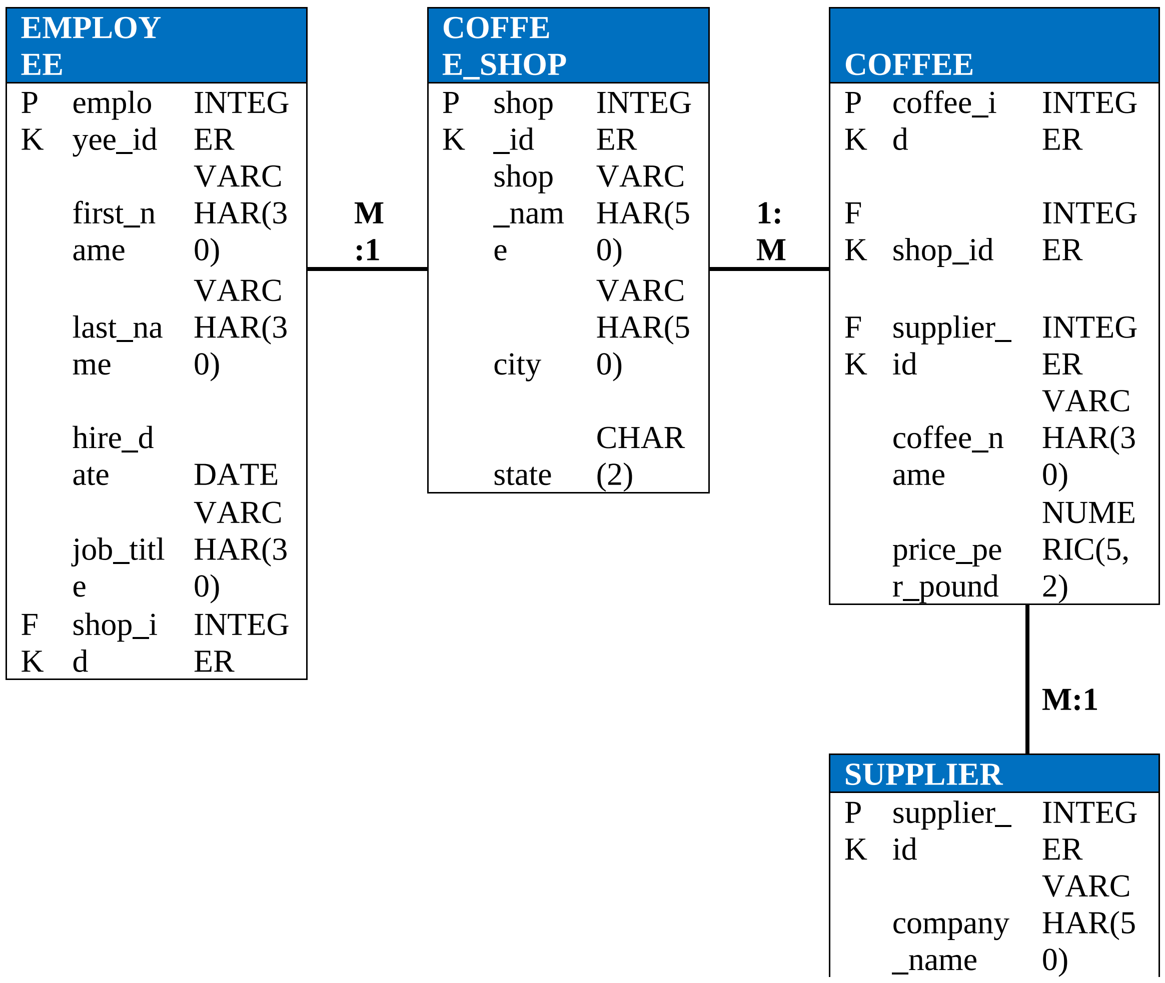
Order_ID: INTEGER

Bagel_Type: CHAR()

Quantity: NUMERIC()

PART B.

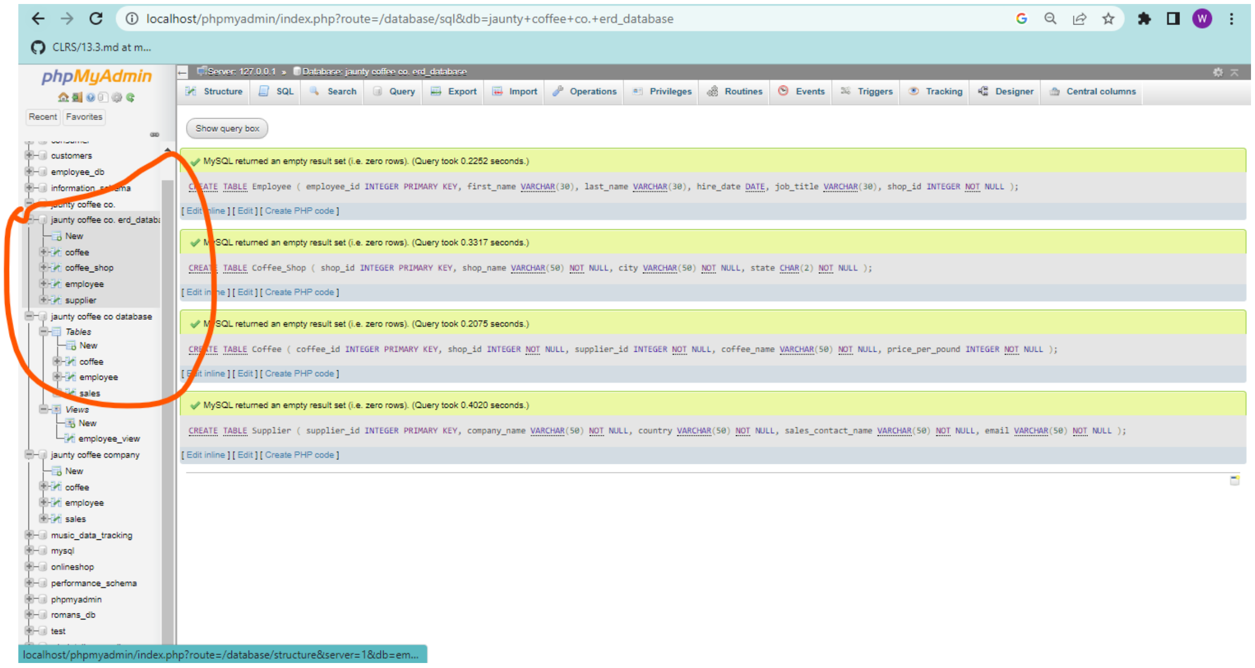
C170 Performance Assessment Jaunty Coffee Co. ERD



country	VARCHAR(30)
sales_contact_name	VARCHAR(60)
email	VARCHAR(50), NOT NULL

Creating the database

DB NAME: **jaunty coffee co. erd_database**



Server: 127.0.0.1 » Database: jaunty coffee co. erd_database

```
MySQL returned an empty result set (i.e. zero rows). (Query took 0.2252 seconds.)
CREATE TABLE Employee ( employee_id INTEGER PRIMARY KEY, first_name VARCHAR(30), last_name VARCHAR(30), hire_date DATE, job_title VARCHAR(30), shop_id INTEGER NOT NULL );

MySQL returned an empty result set (i.e. zero rows). (Query took 0.3317 seconds.)
CREATE TABLE Coffee_Shop ( shop_id INTEGER PRIMARY KEY, shop_name VARCHAR(50) NOT NULL, city VARCHAR(50) NOT NULL, state CHAR(2) NOT NULL );

MySQL returned an empty result set (i.e. zero rows). (Query took 0.2075 seconds.)
CREATE TABLE Coffee ( coffee_id INTEGER PRIMARY KEY, shop_id INTEGER NOT NULL, supplier_id INTEGER NOT NULL, coffee_name VARCHAR(50) NOT NULL, price_per_pound INTEGER NOT NULL );

MySQL returned an empty result set (i.e. zero rows). (Query took 0.4020 seconds.)
CREATE TABLE Supplier ( supplier_id INTEGER PRIMARY KEY, company_name VARCHAR(50) NOT NULL, country VARCHAR(50) NOT NULL, sales_contact_name VARCHAR(50) NOT NULL, email VARCHAR(50) NOT NULL );
```

Task 1: Develop SQL code to create each table as specified in the attached "Jaunty Coffee Co. ERD" by doing the following:

a. **Provide the SQL code you wrote to create all the tables.**

```
CREATE TABLE Employee
(
   employee_id INTEGER PRIMARY KEY,
   first_name VARCHAR(30),
   last_name VARCHAR(30),
   hire_date DATE,
   job_title VARCHAR(30),
   shop_id INTEGER NOT NULL
);

CREATE TABLE Coffee_Shop
(
   shop_id INTEGER PRIMARY KEY,
   shop_name VARCHAR(50) NOT NULL,
   city VARCHAR(50) NOT NULL,
   state CHAR(2) NOT NULL
);

CREATE TABLE Coffee
(
   coffee_id INTEGER PRIMARY KEY,
   shop_id INTEGER NOT NULL,
   supplier_id INTEGER NOT NULL,
   coffee_name VARCHAR(50) NOT NULL,
   price_per_pound INTEGER NOT NULL

);

CREATE TABLE Supplier
(
   supplier_id INTEGER PRIMARY KEY,
   company_name VARCHAR(50) NOT NULL,
   country VARCHAR(50) NOT NULL,
   sales_contact_name VARCHAR(50) NOT NULL,
   email VARCHAR(50) NOT NULL
);
```

b. Demonstrate that you tested your code by providing a screenshot showing your SQL commands and the database server's response.

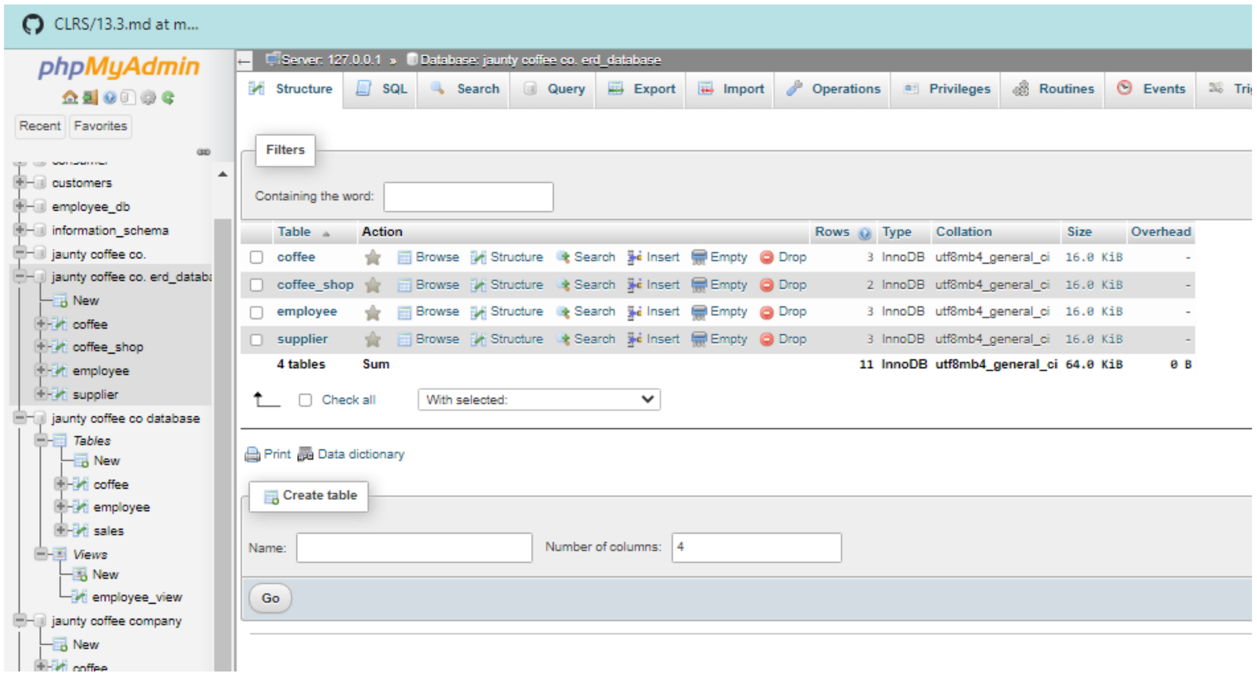


Table	Action							Rows	Type	Collation	Size	Overhead
coffee	★	Browse	Structure	Search	Insert	Empty	Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
coffee_shop	★	Browse	Structure	Search	Insert	Empty	Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
employee	★	Browse	Structure	Search	Insert	Empty	Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
supplier	★	Browse	Structure	Search	Insert	Empty	Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
4 tables	Sum							11	InnoDB	utf8mb4_general_ci	64.0 KiB	0 B

Task 2: Develop SQL code to populate each table in the database design document by doing the following:

Note: This data is not provided. You will be fabricating the data for this step.

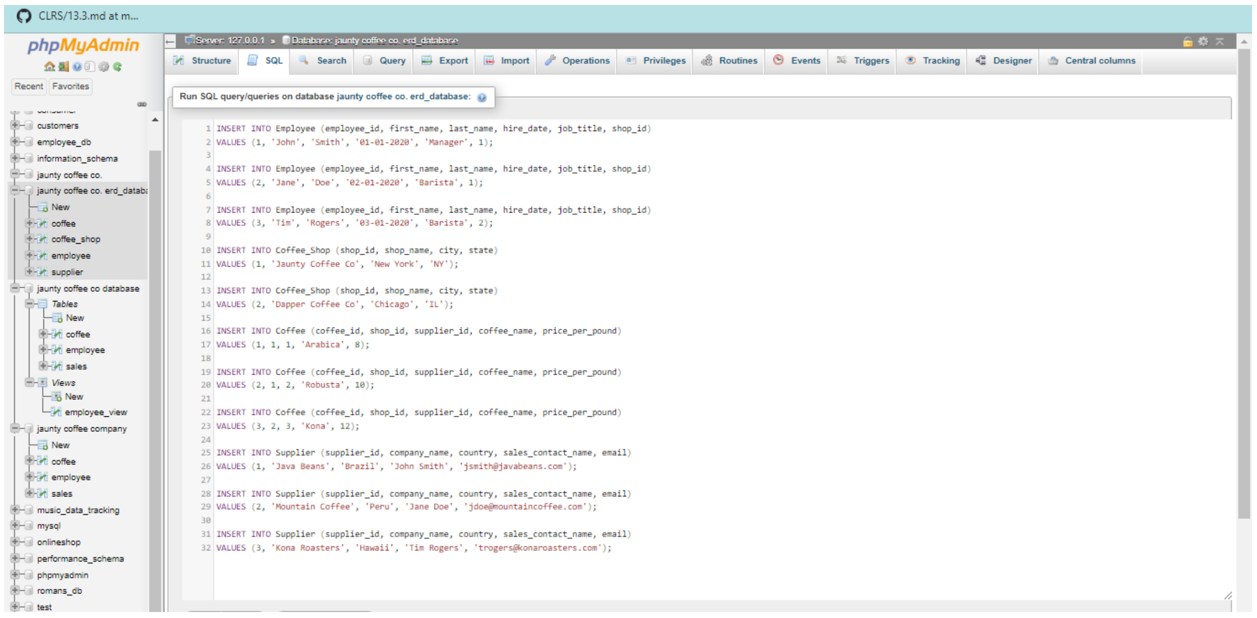
a. Provide the SQL code you wrote to populate the tables with at least three rows of data in each table.

INSERT INTO Employee (employee_id, first_name, last_name, hire_date, job_title, shop_id)
VALUES (1, 'John', 'Smith', '01-01-2020', 'Manager', 1);

INSERT INTO Employee (employee_id, first_name, last_name, hire_date, job_title, shop_id)
VALUES (2, 'Jane', 'Doe', '02-01-2020', 'Barista', 1);

INSERT INTO Employee (employee_id, first_name, last_name, hire_date, job_title, shop_id)
VALUES (3, 'Tim', 'Rogers', '03-01-2020', 'Barista', 2);

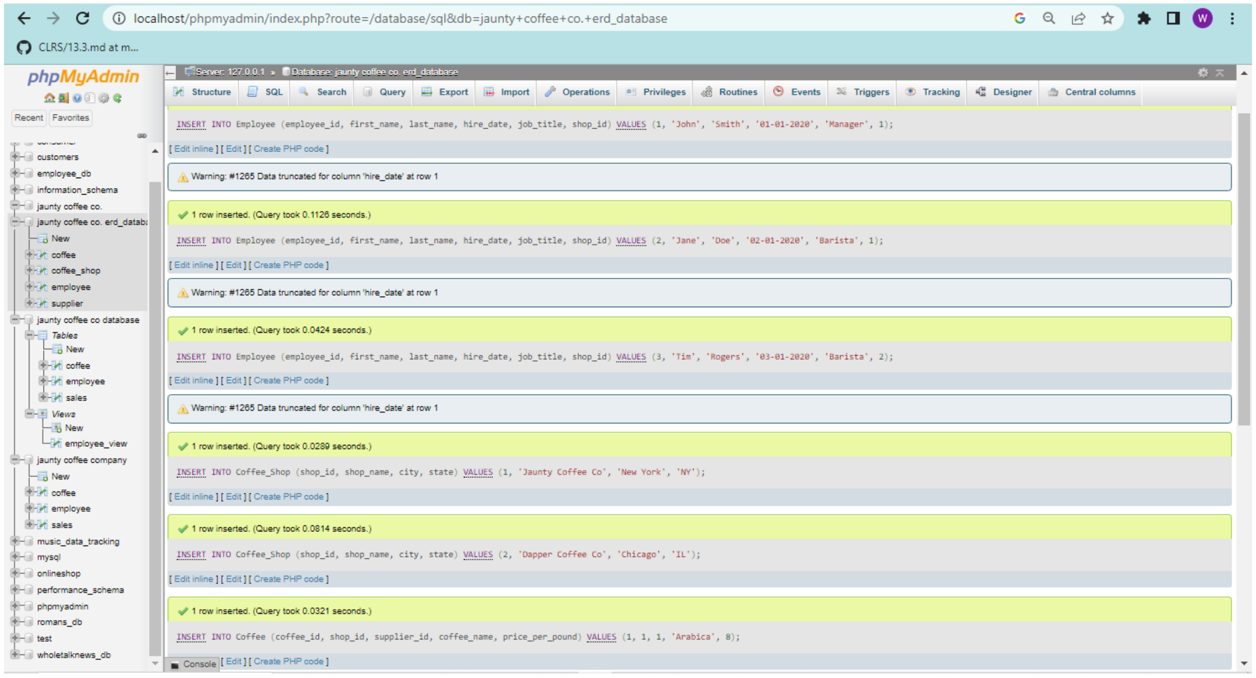
```
INSERT INTO Coffee_Shop (shop_id, shop_name, city, state)
VALUES (1, 'Jaunty Coffee Co', 'New York', 'NY');

INSERT INTO Coffee_Shop (shop_id, shop_name, city, state)
VALUES (2, 'Dapper Coffee Co', 'Chicago', 'IL');

INSERT INTO Coffee (coffee_id, shop_id, supplier_id, coffee_name, price_per_pound)
VALUES (1, 1, 1, 'Arabica', 8);

INSERT INTO Coffee (coffee_id, shop_id, supplier_id, coffee_name, price_per_pound)
VALUES (2, 1, 2, 'Robusta', 10);

INSERT INTO Coffee (coffee_id, shop_id, supplier_id, coffee_name, price_per_pound)
VALUES (3, 2, 3, 'Kona', 12);

INSERT INTO Supplier (supplier_id, company_name, country, sales_contact_name,
email)
VALUES (1, 'Java Beans', 'Brazil', 'John Smith', 'jsmith@javabeans.com');

INSERT INTO Supplier (supplier_id, company_name, country, sales_contact_name,
email)
VALUES (2, 'Mountain Coffee', 'Peru', 'Jane Doe', 'jdoe@mountaincoffee.com');

INSERT INTO Supplier (supplier_id, company_name, country, sales_contact_name,
email)
VALUES (3, 'Kona Roasters', 'Hawaii', 'Tim Rogers', 'trogers@konaroasters.com');
```



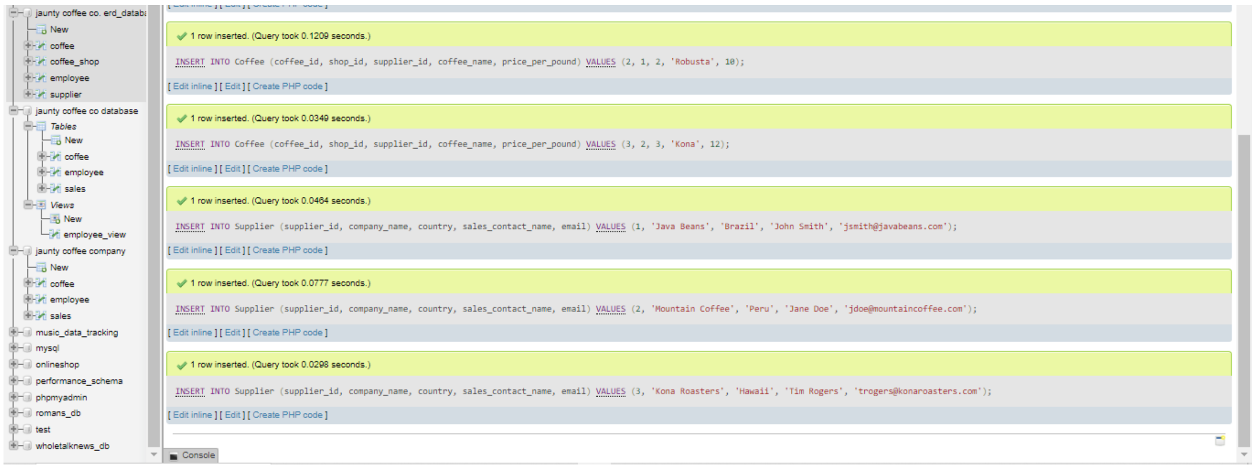
Run SQL query/queries on database jaunty coffee co. erd_database:

```
INSERT INTO Employee (employee_id, first_name, last_name, hire_date, job_title, shop_id)
VALUES (1, 'John', 'Smith', '01-01-2020', 'Manager', 1);

INSERT INTO Employee (employee_id, first_name, last_name, hire_date, job_title, shop_id)
VALUES (2, 'Jane', 'Doe', '02-01-2020', 'Barista', 1);

INSERT INTO Employee (employee_id, first_name, last_name, hire_date, job_title, shop_id)
VALUES (3, 'Tim', 'Rogers', '03-01-2020', 'Barista', 2);

INSERT INTO Coffee_Shop (shop_id, shop_name, city, state)
VALUES (1, 'Jaunty Coffee Co', 'New York', 'NY');

INSERT INTO Coffee_Shop (shop_id, shop_name, city, state)
VALUES (2, 'Dapper Coffee Co', 'Chicago', 'IL');

INSERT INTO Coffee (coffee_id, shop_id, supplier_id, coffee_name, price_per_pound)
VALUES (1, 1, 1, 'Arabica', 8);

INSERT INTO Coffee (coffee_id, shop_id, supplier_id, coffee_name, price_per_pound)
VALUES (2, 1, 2, 'Robusta', 10);

INSERT INTO Coffee (coffee_id, shop_id, supplier_id, coffee_name, price_per_pound)
VALUES (3, 2, 3, 'Kona', 12);

INSERT INTO Supplier (supplier_id, company_name, country, sales_contact_name, email)
VALUES (1, 'Java Beans', 'Brazil', 'John Smith', 'jsmith@javabeans.com');

INSERT INTO Supplier (supplier_id, company_name, country, sales_contact_name, email)
VALUES (2, 'Mountain Coffee', 'Peru', 'Jane Doe', 'jdoe@mountaincoffee.com');

INSERT INTO Supplier (supplier_id, company_name, country, sales_contact_name, email)
VALUES (3, 'Kona Roasters', 'Hawaii', 'Tim Rogers', 'trogers@konaroasters.com');
```

b. Demonstrate that you tested your code by providing a screenshot showing your SQL commands and the database server's response.



```
INSERT INTO Employee (employee_id, first_name, last_name, hire_date, job_title, shop_id) VALUES (1, 'John', 'Smith', '01-01-2020', 'Manager', 1);
[ Edit inline ] [ Edit ] [ Create PHP code ]
Warning: #1265 Data truncated for column 'hire_date' at row 1

1 row inserted. (Query took 0.1126 seconds.)
INSERT INTO Employee (employee_id, first_name, last_name, hire_date, job_title, shop_id) VALUES (2, 'Jane', 'Doe', '02-01-2020', 'Barista', 1);
[ Edit inline ] [ Edit ] [ Create PHP code ]
Warning: #1265 Data truncated for column 'hire_date' at row 1

1 row inserted. (Query took 0.0424 seconds.)
INSERT INTO Employee (employee_id, first_name, last_name, hire_date, job_title, shop_id) VALUES (3, 'Tim', 'Rogers', '03-01-2020', 'Barista', 2);
[ Edit inline ] [ Edit ] [ Create PHP code ]
Warning: #1265 Data truncated for column 'hire_date' at row 1

1 row inserted. (Query took 0.0289 seconds.)
INSERT INTO Coffee_Shop (shop_id, shop_name, city, state) VALUES (1, 'Jaunty Coffee Co', 'New York', 'NY');
[ Edit inline ] [ Edit ] [ Create PHP code ]

1 row inserted. (Query took 0.0814 seconds.)
INSERT INTO Coffee_Shop (shop_id, shop_name, city, state) VALUES (2, 'Dapper Coffee Co', 'Chicago', 'IL');
[ Edit inline ] [ Edit ] [ Create PHP code ]

1 row inserted. (Query took 0.0321 seconds.)
INSERT INTO Coffee (coffee_id, shop_id, supplier_id, coffee_name, price_per_pound) VALUES (1, 1, 1, 'Arabica', 8);
[ Edit ] [ Create PHP code ]
```



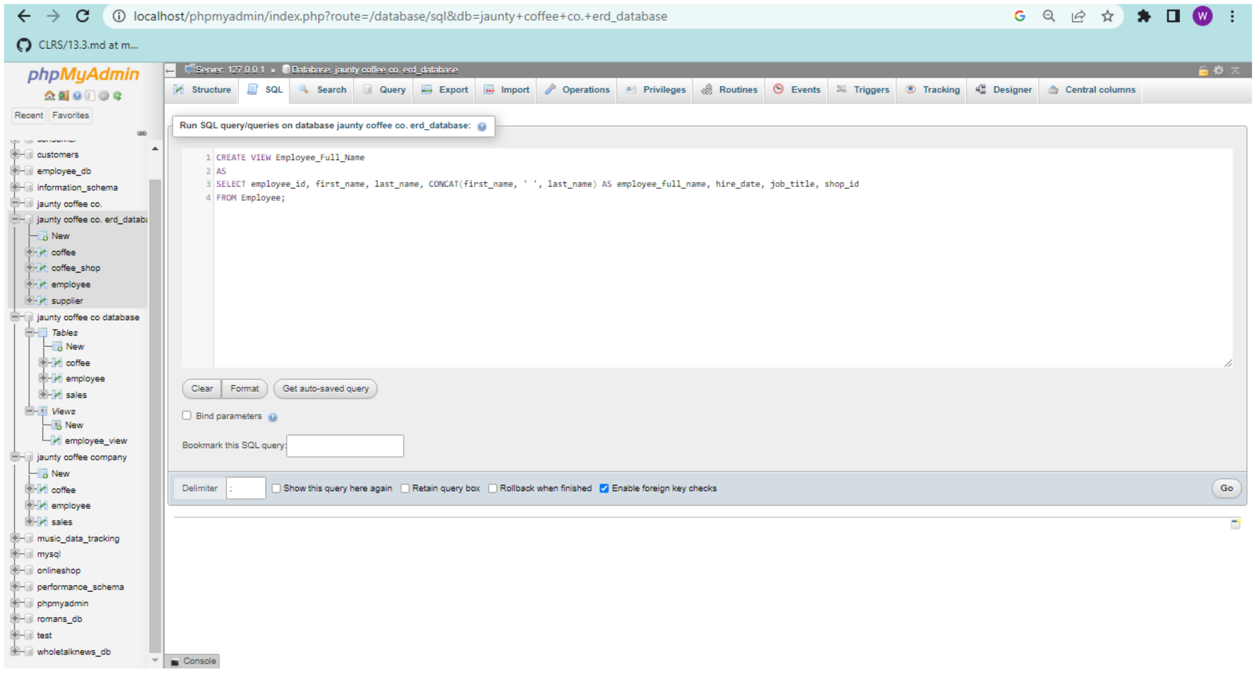
```
1 row inserted. (Query took 0.1209 seconds.)
INSERT INTO Coffee (coffee_id, shop_id, supplier_id, coffee_name, price_per_pound) VALUES (2, 1, 2, 'Robusta', 10);
[ Edit inline ] [ Edit ] [ Create PHP code ]

1 row inserted. (Query took 0.0349 seconds.)
INSERT INTO Coffee (coffee_id, shop_id, supplier_id, coffee_name, price_per_pound) VALUES (3, 2, 3, 'Kona', 12);
[ Edit inline ] [ Edit ] [ Create PHP code ]

1 row inserted. (Query took 0.0464 seconds.)
INSERT INTO Supplier (supplier_id, company_name, country, sales_contact_name, email) VALUES (1, 'Java Beans', 'Brazil', 'John Smith', 'jsmith@javabeans.com');
[ Edit inline ] [ Edit ] [ Create PHP code ]

1 row inserted. (Query took 0.0777 seconds.)
INSERT INTO Supplier (supplier_id, company_name, country, sales_contact_name, email) VALUES (2, 'Mountain Coffee', 'Peru', 'Jane Doe', 'jdoe@mountaincoffee.com');
[ Edit inline ] [ Edit ] [ Create PHP code ]

1 row inserted. (Query took 0.0298 seconds.)
INSERT INTO Supplier (supplier_id, company_name, country, sales_contact_name, email) VALUES (3, 'Kona Roasters', 'Hawaii', 'Tim Rogers', 'trogers@konaroasters.com');
[ Edit inline ] [ Edit ] [ Create PHP code ]
```

Task 3: Develop SQL code to create a view by doing the following:

a. Provide the SQL code you wrote to create your view. The view should show all of the information from the "Employee" table but concatenate each employee's first

and last name, formatted with a space between the first and last name, into a new attribute called employee_full_name.

CREATE VIEW Employee_Full_Name
AS
SELECT employee_id, first_name, last_name, CONCAT(first_name, ' ', last_name) AS employee_full_name, hire_date, job_title, shop_id
FROM Employee;



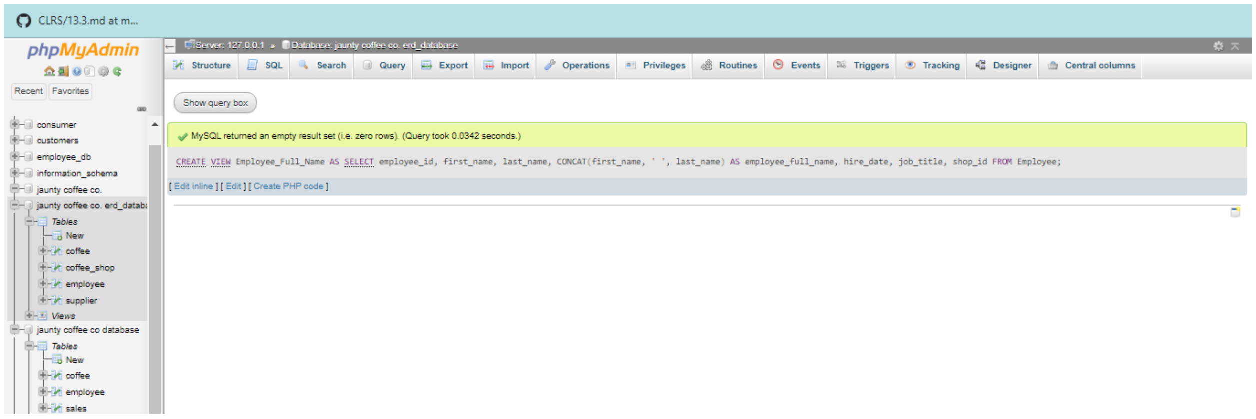
localhost/phpmyadmin/index.php?route=/database/sql&db=jaunty+coffee+co.+erd_database

Server: 127.0.0.1 » Database: jaunty coffee co. erd_database

Run SQL query/queries on database jaunty coffee co. erd_database:

```
CREATE VIEW Employee_Full_Name
AS
SELECT employee_id, first_name, last_name, CONCAT(first_name, ' ', last_name) AS employee_full_name, hire_date, job_title, shop_id
FROM Employee;
```

b. Demonstrate that you tested your code by providing a screenshot showing your SQL commands and the database server's response.



Server: 127.0.0.1 » Database: jaunty coffee co. erd_database

✓ MySQL returned an empty result set (i.e. zero rows). (Query took 0.0342 seconds.)

```
CREATE VIEW Employee_Full_Name AS SELECT employee_id, first_name, last_name, CONCAT(first_name, ' ', last_name) AS employee_full_name, hire_date, job_title, shop_id FROM Employee;
```

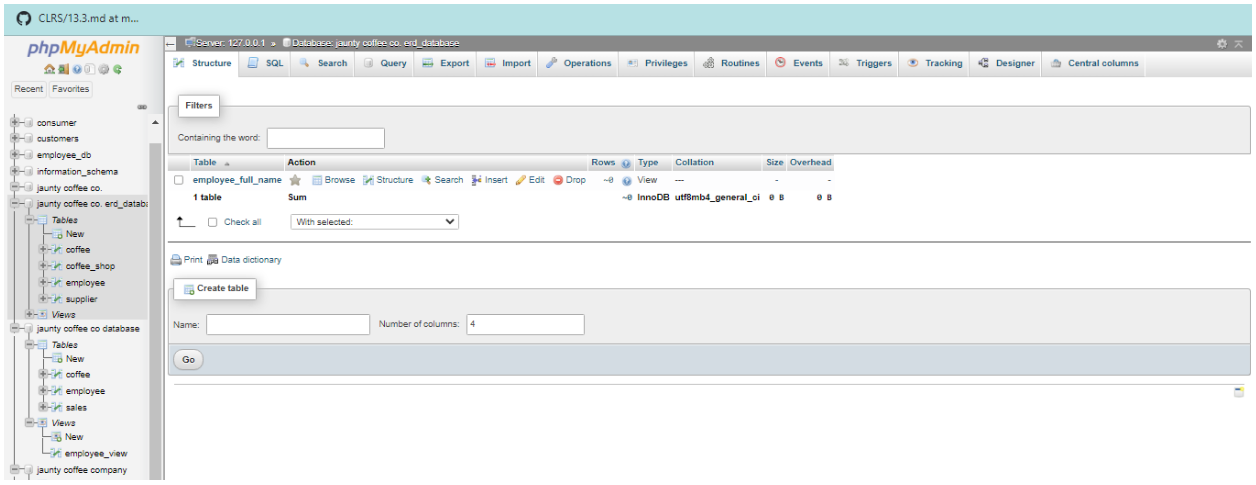
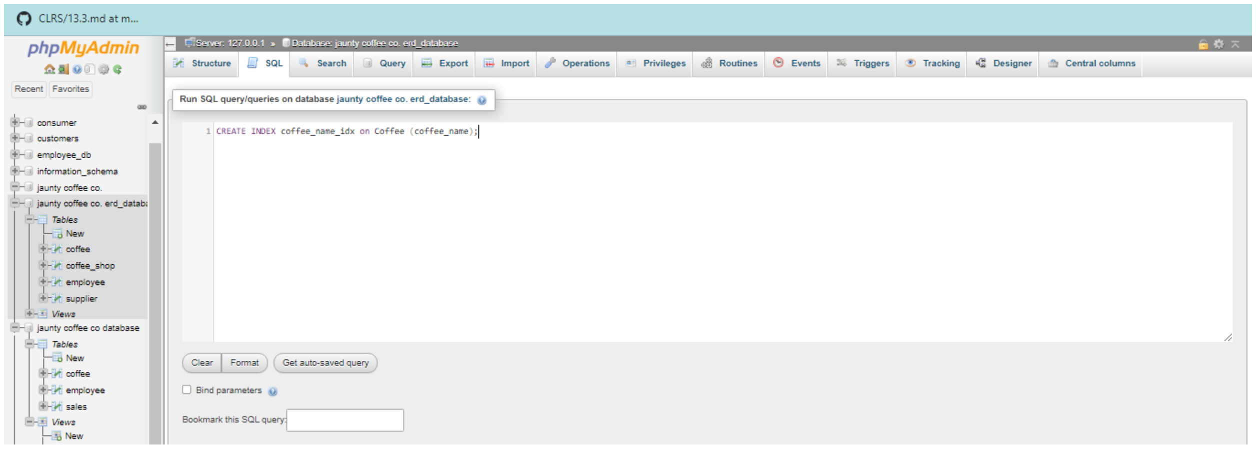


	Table	Action	Rows	Type	Collation	Size	Overhead
☐	employee_full_name	Browse Structure Search Insert Edit Drop	~0	View	---	-	-
	1 table	Sum	~0	InnoDB	utf8mb4_general_ci	0 B	0 B

Task 4: Develop SQL code to create an index on the coffee_name field by doing the following:

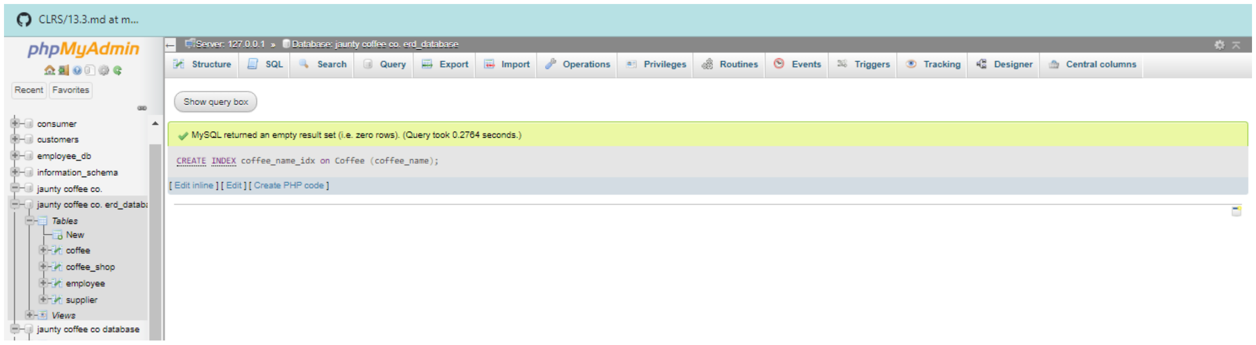
a. Provide the SQL code you wrote to create your index on the coffee_name field from the "Coffee" table.

CREATE INDEX coffee_name_idx on Coffee (coffee_name);


CLRS/13.3.md at m...
phpMyAdmin
Recent Favorites
consumer
customers
employee_db
information_schema
jaunty coffee co.
jaunty coffee co. erd_databa
Tables
New
coffee
coffee_shop
employee
supplier
Views
jaunty coffee co database
Tables
New
coffee
employee
sales
Views
New
Server: 127.0.0.1 » Database: jaunty coffee co. erd_database
Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking Designer Central columns
Run SQL query/queries on database jaunty coffee co. erd_database:
Clear Format Get auto-saved query
Bind parameters
Bookmark this SQL query:

```
CREATE INDEX coffee_name_idx on Coffee (coffee_name);
```

c. **Demonstrate that you tested your code by providing a screenshot showing your SQL commands and the database server's response.**


CLRS/13.3.md at m...
phpMyAdmin
Recent Favorites
consumer
customers
employee_db
information_schema
jaunty coffee co.
jaunty coffee co. erd_datab
Tables
New
coffee
coffee_shop
employee
supplier
Views
jaunty coffee co database
Server: 127.0.0.1 » Database: jaunty coffee co. erd_database
Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking Designer Central columns
Show query box
[Edit inline] [Edit] [Create PHP code]

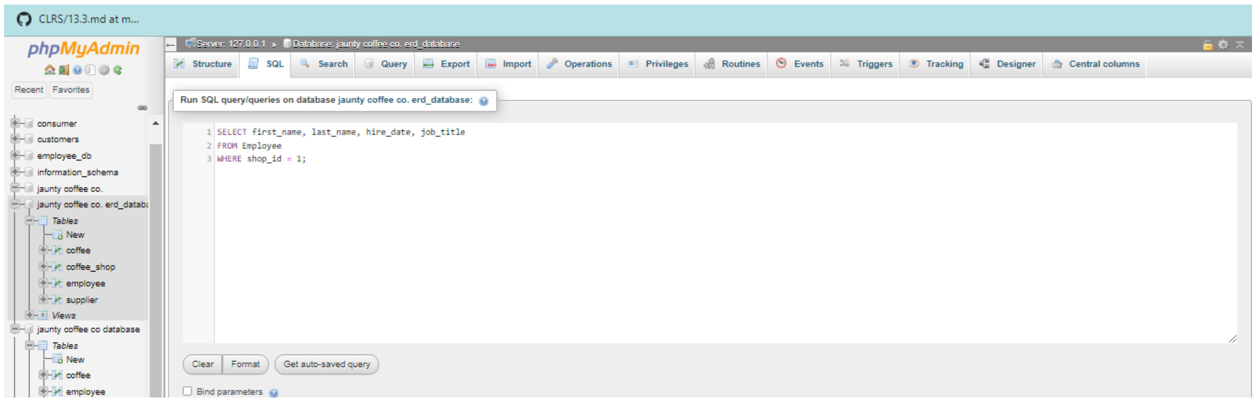
MySQL returned an empty result set (i.e. zero rows). (Query took 0.2764 seconds.)

```
CREATE INDEX coffee_name_idx on Coffee (coffee_name);
```

Task 5: Develop SQL code to create a SFW (SELECT–FROM–WHERE) query for any of your tables or views by doing the following:

a. Provide the SQL code you wrote to create your SFW query.

SELECT first_name, last_name, hire_date, job_title
FROM Employee
WHERE shop_id = 1;


CLRS/13.3.md at m...
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Recent Favorites
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information_schema
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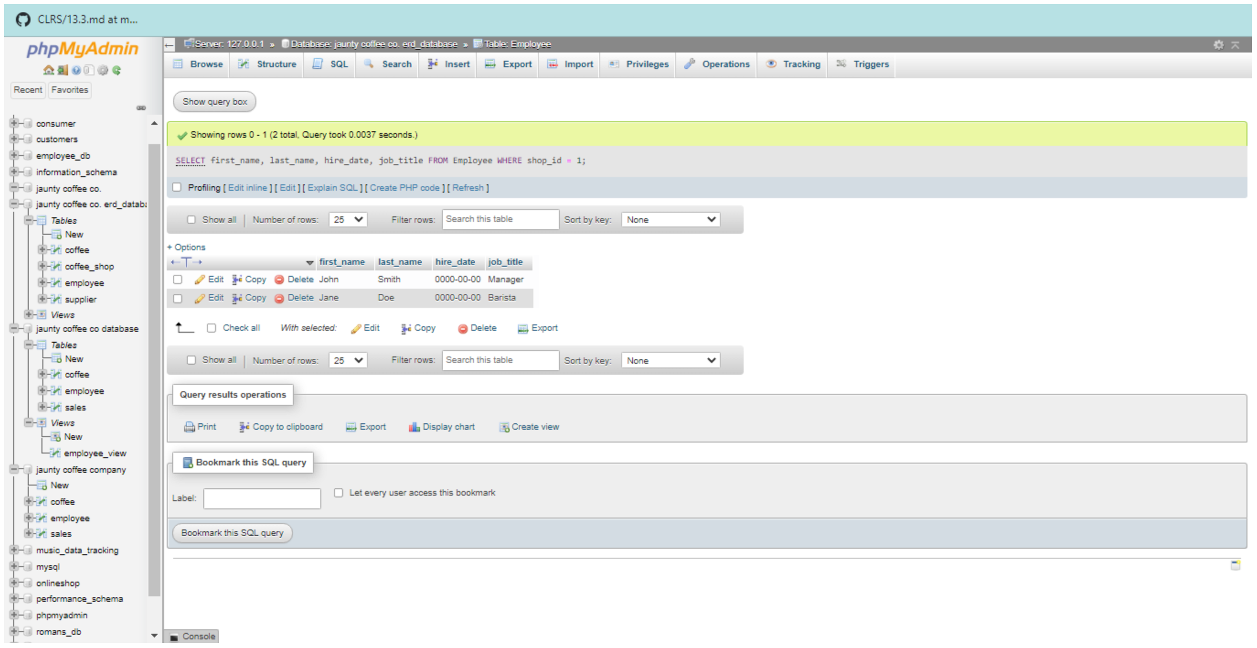
Tables
New
coffee
coffee_shop
employee
supplier
Views
jaunty coffee co database
Tables
New
coffee
employee
Server: 127.0.0.1 » Database: jaunty coffee co. erd_database
Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking Designer Central columns
Clear Format Get auto-saved query
Bind parameters

Run SQL query/queries on database jaunty coffee co. erd_database:

```
SELECT first_name, last_name, hire_date, job_title
FROM Employee
WHERE shop_id = 1;
```

b. Demonstrate that you tested your code by providing a screenshot showing your SQL commands and the database server’s response.



Server: 127.0.0.1 » Database: jaunty coffee co. erd_database » Table: Employee

Showing rows 0 - 1 (2 total, Query took 0.0037 seconds.)

```
SELECT first_name, last_name, hire_date, job_title FROM Employee WHERE shop_id = 1;
```

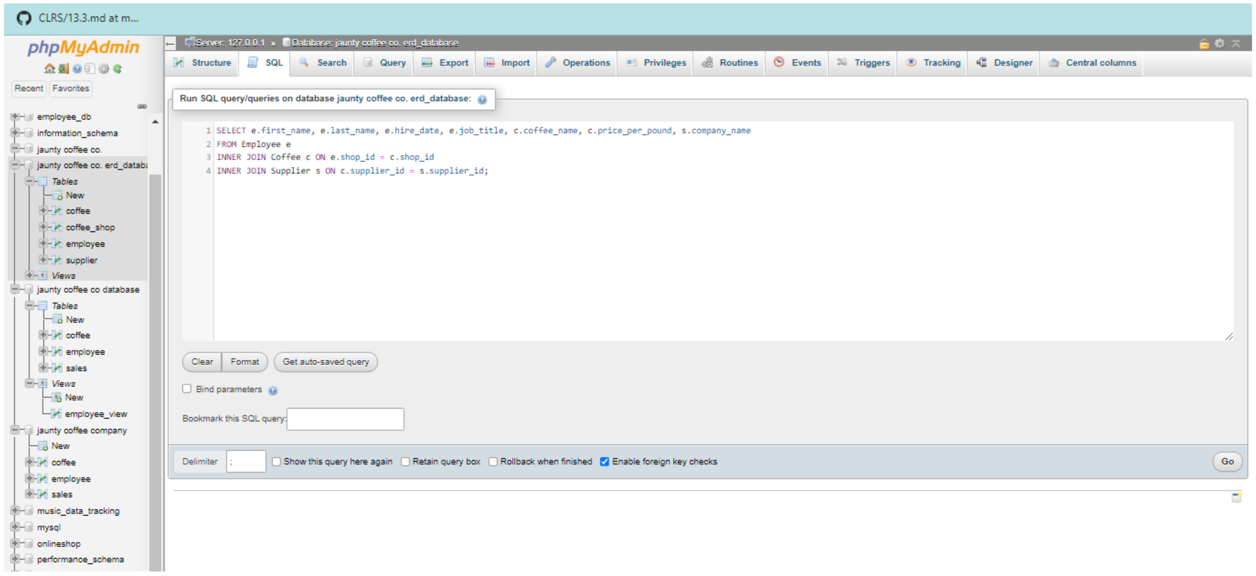
first_name	last_name	hire_date	job_title
John	Smith	0000-00-00	Manager
Jane	Doe	0000-00-00	Barista

Task 6: Develop SQL code to create a query by doing the following:

a. Provide the SQL code you wrote to create your table joins query. The query should join together three different tables and include attributes from all three tables in its output.

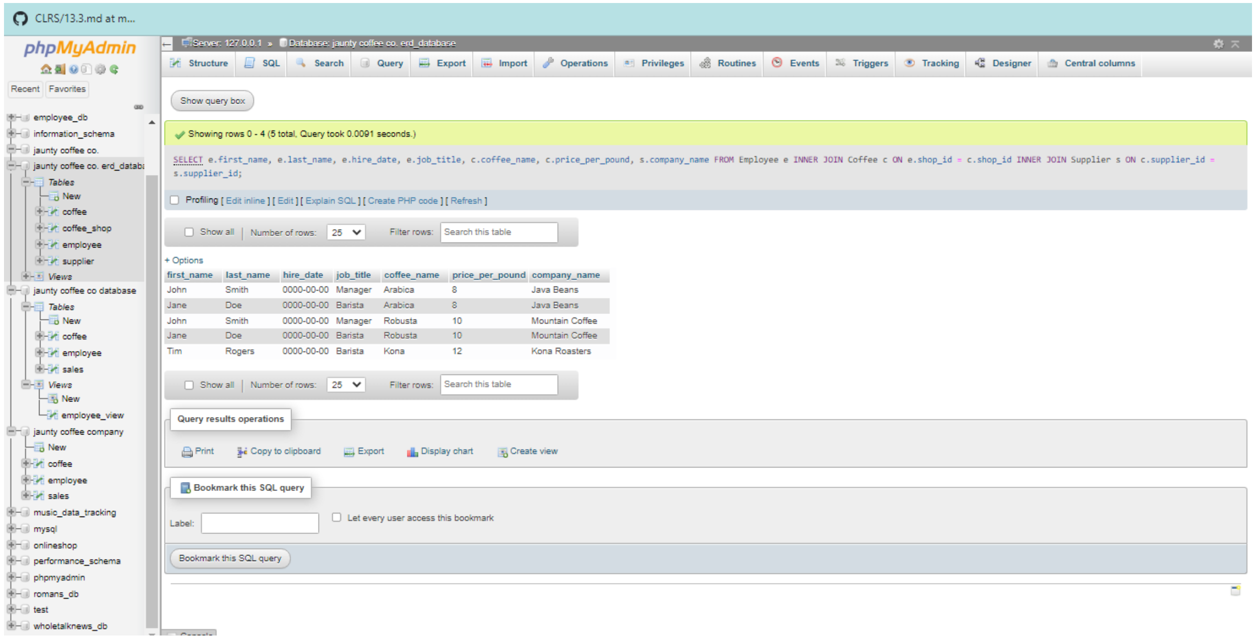
SELECT e.first_name, e.last_name, e.hire_date, e.job_title, c.coffee_name, c.price_per_pound, s.company_name
FROM Employee e
INNER JOIN Coffee c ON e.shop_id = c.shop_id

INNER JOIN Supplier s ON c.supplier_id = s.supplier_id;


CLRS/13.3.md at m...
phpMyAdmin
Server: 127.0.0.1 » Database: jaunty coffee co. erd_database
Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking Designer Central columns
Run SQL query/queries on database jaunty coffee co. erd_database:
Clear Format Get auto-saved query
Bind parameters
Bookmark this SQL query:
Delimiter ; Show this query here again Retain query box Rollback when finished Enable foreign key checks Go

```
SELECT e.first_name, e.last_name, e.hire_date, e.job_title, c.coffee_name, c.price_per_pound, s.company_name
FROM Employee e
INNER JOIN Coffee c ON e.shop_id = c.shop_id
INNER JOIN Supplier s ON c.supplier_id = s.supplier_id;
```

b. Demonstrate that you tested your code by providing a screenshot showing your SQL commands and the database server's response.

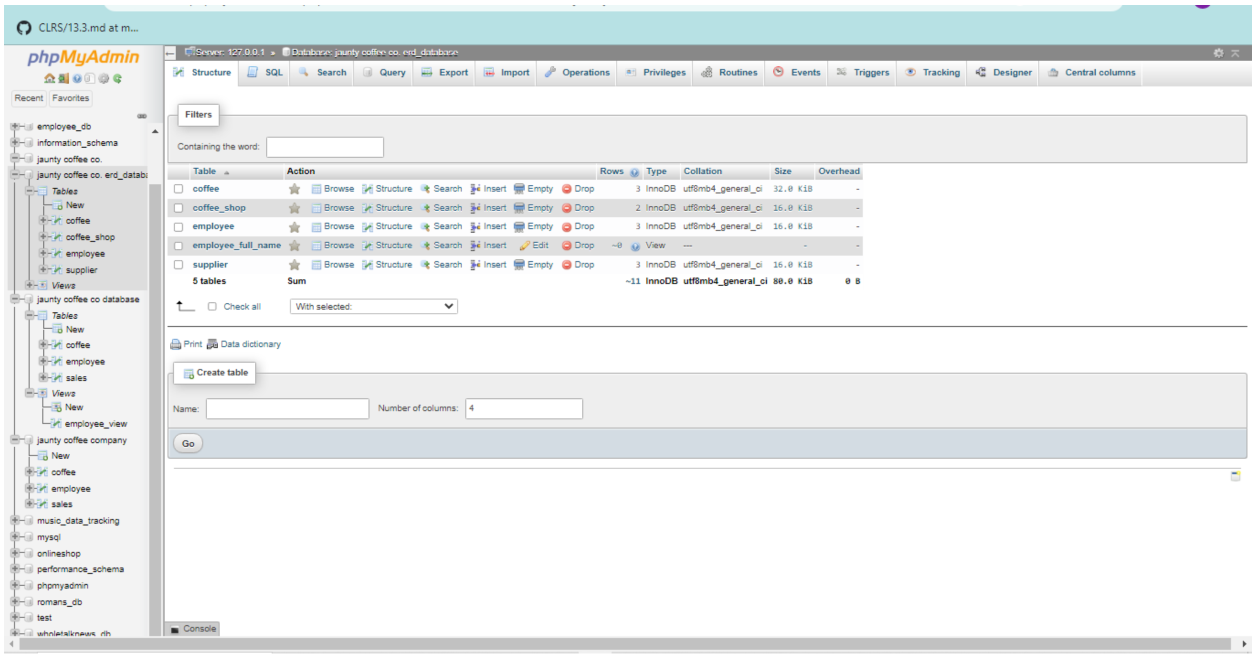

CLRS/13.3.md at m...
phpMyAdmin
Server: 127.0.0.1 » Database: jaunty coffee co. erd_database
Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers Tracking Designer Central columns
Show query box
Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]
Show all Number of rows: 25 Filter rows: Search this table
+ Options
Query results operations
Print Copy to clipboard Export Display chart Create view
Bookmark this SQL query
Label: Let every user access this bookmark

Showing rows 0 - 4 (5 total, Query took 0.0091 seconds.)

```
SELECT e.first_name, e.last_name, e.hire_date, e.job_title, c.coffee_name, c.price_per_pound, s.company_name FROM Employee e INNER JOIN Coffee c ON e.shop_id = c.shop_id INNER JOIN Supplier s ON c.supplier_id = s.supplier_id;
```

first_name	last_name	hire_date	job_title	coffee_name	price_per_pound	company_name
John	Smith	0000-00-00	Manager	Arabica	8	Java Beans
Jane	Doe	0000-00-00	Barista	Arabica	8	Java Beans
John	Smith	0000-00-00	Manager	Robusta	10	Mountain Coffee
Jane	Doe	0000-00-00	Barista	Robusta	10	Mountain Coffee
Tim	Rogers	0000-00-00	Barista	Kona	12	Kona Roasters

Full database



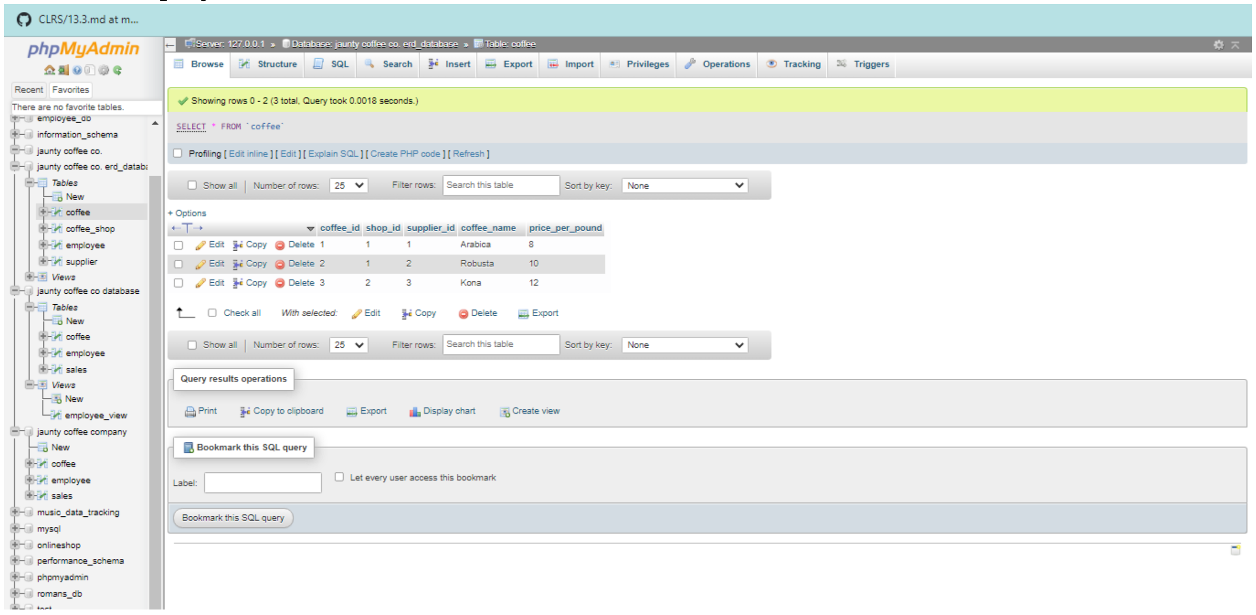
Server: 127.0.0.1 » Database: jaunty coffee co. erd_database

Containing the word:

Table	Action	Rows	Type	Collation	Size	Overhead
coffee	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	32.0 KiB	-
coffee_shop	Browse Structure Search Insert Empty Drop	2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
employee	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
employee_full_name	Browse Structure Search Insert Edit Drop	~0	View	---	-	-
supplier	Browse Structure Search Insert Empty Drop	3	InnoDB	utf8mb4_general_ci	16.0 KiB	-
5 tables	Sum	~11	InnoDB	utf8mb4_general_ci	80.0 KiB	0 B

Name: Number of columns: 4

TABLE Employee



Server: 127.0.0.1 » Database: jaunty coffee co. erd_database » Table: coffee

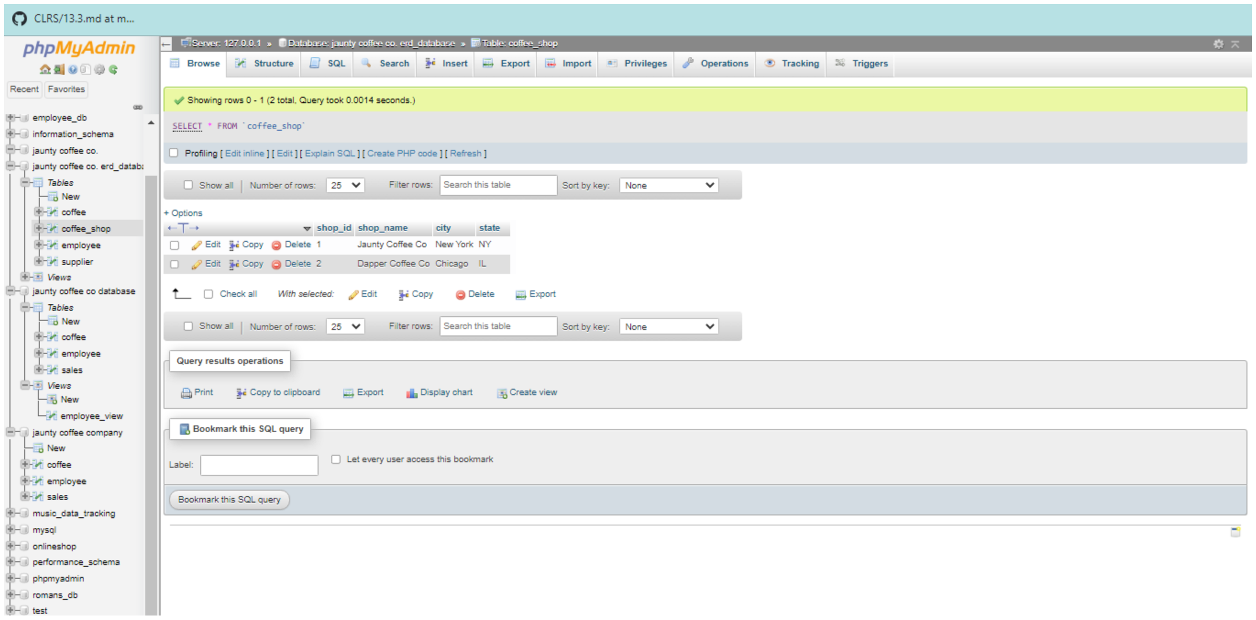
Showing rows 0 - 2 (3 total, Query took 0.0018 seconds.)

```
SELECT * FROM `coffee`
```

	coffee_id	shop_id	supplier_id	coffee_name	price_per_pound
Edit Copy Delete	1	1	1	Arabica	8
Edit Copy Delete	2	1	2	Robusta	10
Edit Copy Delete	3	2	3	Kona	12

Number of rows: 25 Sort by key: None

TABLE Coffee_Shop


CLRS/13.3.md at m...

phpMyAdmin

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    - coffee_shop
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    - supplier
  - Views
- jaunty coffee co database
  - Tables
    - New
    - coffee
    - employee
    - sales
  - Views
    - New
    - employee_view
- jaunty coffee company
  - New
  - coffee
  - employee
  - sales
- music_data_tracking
- mysql
- onlineshop
- performance_schema
- phpmyadmin
- romans_db
- test

Server: 127.0.0.1 » Database: jaunty coffee co. erd_database » Table: coffee_shop

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

✓ Showing rows 0 - 1 (2 total, Query took 0.0014 seconds.)

```
SELECT * FROM `coffee_shop`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	shop_id	shop_name	city	state
Edit Copy Delete	1	Jaunty Coffee Co	New York	NY
Edit Copy Delete	2	Dapper Coffee Co	Chicago	IL

Check all With selected: Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

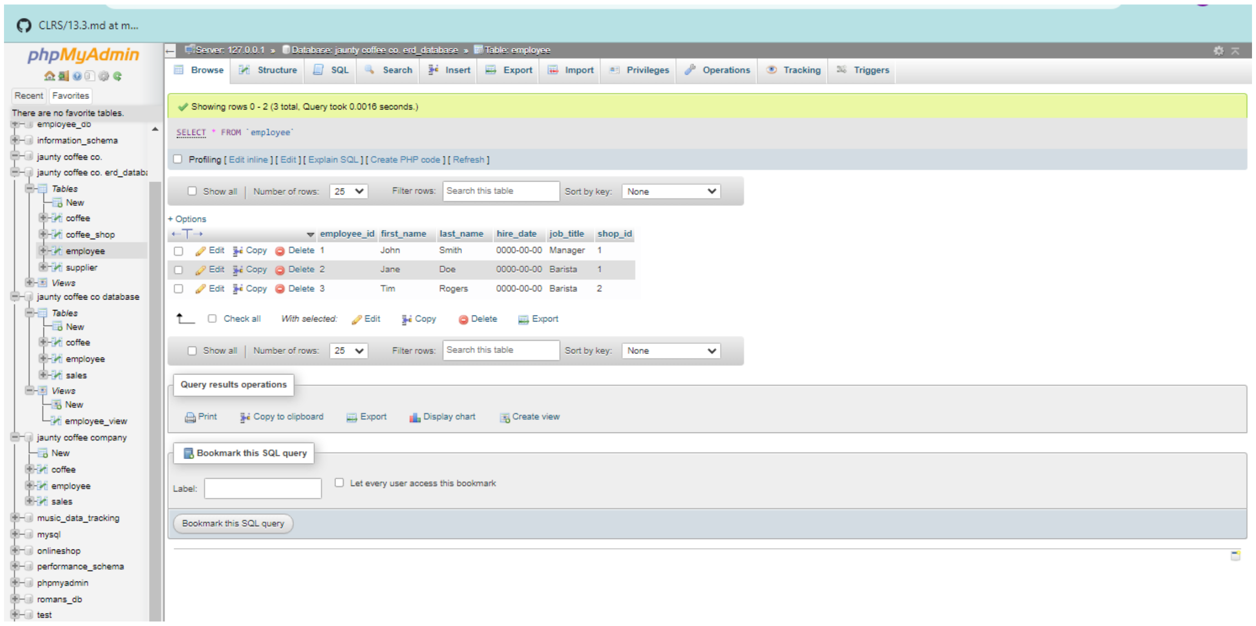
Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

TABLE Coffee


CLRS/13.3.md at m...

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There are no favorite tables.

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  - New
  - coffee
  - employee
  - sales
- music_data_tracking
- mysql
- onlineshop
- performance_schema
- phpmyadmin
- romans_db
- test

Server: 127.0.0.1 » Database: jaunty coffee co. erd_database » Table: employee

Browse | Structure | SQL | Search | Insert | Export | Import | Privileges | Operations | Tracking | Triggers

✓ Showing rows 0 - 2 (3 total, Query took 0.0016 seconds.)

```
SELECT * FROM `employee`
```

Profiling [Edit inline] [Edit] [Explain SQL] [Create PHP code] [Refresh]

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

+ Options

	employee_id	first_name	last_name	hire_date	job_title	shop_id
Edit Copy Delete	1	John	Smith	0000-00-00	Manager	1
Edit Copy Delete	2	Jane	Doe	0000-00-00	Barista	1
Edit Copy Delete	3	Tim	Rogers	0000-00-00	Barista	2

Check all With selected: Edit Copy Delete Export

Show all | Number of rows: 25 Filter rows: Search this table Sort by key: None

Query results operations

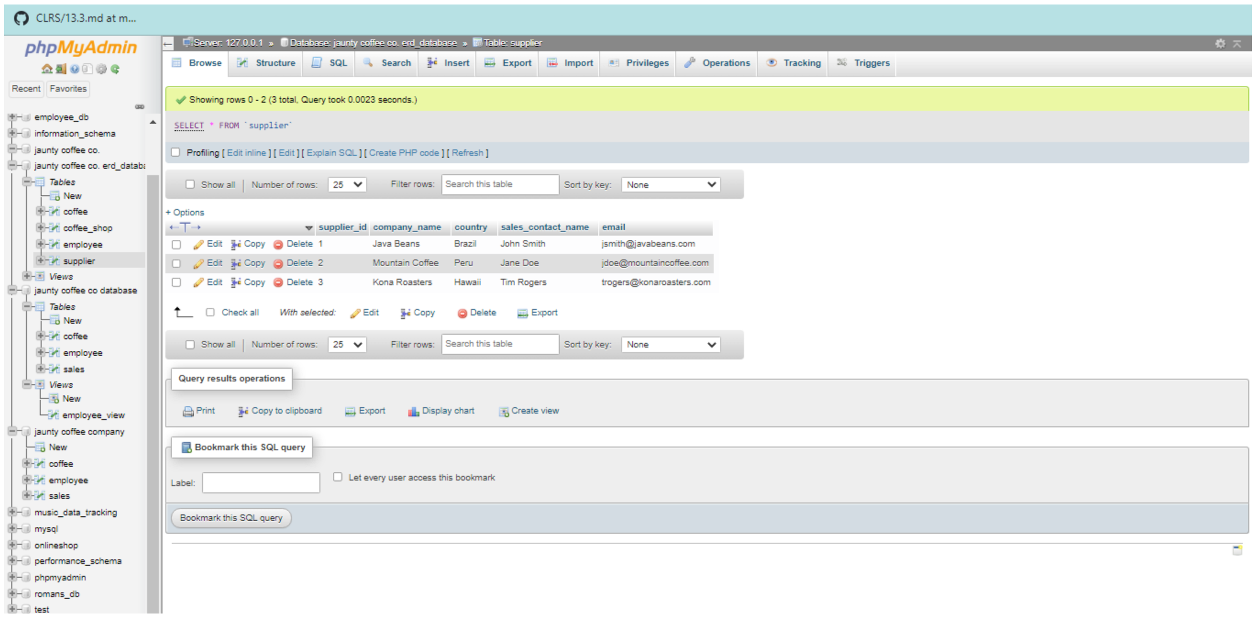
Print Copy to clipboard Export Display chart Create view

Bookmark this SQL query

Label: Let every user access this bookmark

Bookmark this SQL query

TABLE Supplier



Showing rows 0 - 2 (3 total, Query took 0.0023 seconds.)

```
SELECT * FROM `supplier`
```

supplier_id	company_name	country	sales_contact_name	email
1	Java Beans	Brazil	John Smith	jsmith@javabeans.com
2	Mountain Coffee	Peru	Jane Doe	jdoe@mountaincoffee.com
3	Kona Roasters	Hawaii	Tim Rogers	trogers@konaroasters.com