Assignment 1: Write a SELECT query to retrieve all columns from a 'customers' table, and modify it to return only the customer name and email address for customers in a specific city.

Step 1: Retrieve All Columns from the 'customers' Table

First, to retrieve all columns from a customers table, you would use the SELECT * statement.

    SELECT * FROM customers;

Step 2: Retrieve Only the Customer Name and Email Address for Customers in a Specific City

To modify the query to return only the customer name and email address for customers in a specific city, you need to:

Specify the columns you want to retrieve (in this case, customer_name and email).

Use the WHERE clause to filter the results based on a specific city.

Assume the columns in the customers table are customer_name, email, and city.

Here's an example of how you can write this query:

    SELECT customer_name, email
    `FROM customers
    WHERE city = 'SpecificCity';

Replace 'SpecificCity' with the name of the city you want to filter by.

Full SQL Query Example

Let's say you want to get the customer names and email addresses for customers in the city of 'New York'. The SQL query would be:

    SELECT customer_name, email
    FROM customers
    WHERE city = 'New York';

Summary

1. Retrieve All Columns:

```sql
SELECT * FROM customers;
```

2. Retrieve Specific Columns for Customers in a Specific City:

```sql
SELECT customer_name, email

FROM customers

WHERE city = 'SpecificCity';
```

Replace SpecificCity with the desired city name (e.g., 'New York').