

Table: Person

| Column Name | Type |
|-------------|---------|
| personId | int |
| lastName | varchar |
| firstName | varchar |

personId is the primary key column for this table.
This table contains information about the ID of some persons and their first and last names.

Table: Address

| Column Name | Type |
|-------------|---------|
| addressId | int |
| personId | int |
| city | varchar |
| state | varchar |

addressId is the primary key column for this table.
Each row of this table contains information about the city and state of one person with ID = PersonId.

Write an SQL query to report the first name, last name, city, and state of each person in the Person table. If the address of a personId is not present in the Address table, report null instead.

Return the result table in **any order**.

The query result format is in the following example.

Example 1:**

| Input: | | | | |
|----------------|----------|-----------|-------|--|
| Person table: | | | | |
| personId | lastName | firstName | | |
| 1 | Wang | Allen | | |
| 2 | Alice | Bob | | |
| Address table: | | | | |
| addressId | personId | city | state | |

| | | | |
|---|---|---------------|------------|
| 1 | 2 | New York City | New York |
| 2 | 3 | Leetcode | California |

Output:

| firstName | lastName | city | state |
|-----------|----------|---------------|----------|
| Allen | Wang | Null | Null |
| Bob | Alice | New York City | New York |

Explanation:

There is no address in the address table for the `personId = 1` so we return null in their city and state.

`addressId = 1` contains information about the address of `personId = 2`.

True

Table: Person

| Column Name | Type |
|-------------|---------|
| id | int |
| email | varchar |

`id` is the primary key column for this table.

Each row of this table contains an email. The emails will not contain uppercase letters.

Write an SQL query to delete all the duplicate emails, keeping only one unique email with the smallest `id`. Note that you are supposed to write a **DELETE** statement and not a **SELECT** one.

After running your script, the answer shown is the **Person** table. The driver will first compile and run your piece of code and then show the **Person** table. The final order of the **Person** table does not matter.

The query result format is in the following example.

Example 1:**

Input:

Person table:

| id | email |
|----|------------------|
| 1 | john@example.com |
| 2 | bob@example.com |
| 3 | john@example.com |

Output:

| +-----+ | |
|---------|------------------|
| id | email |
| +-----+ | |
| 1 | john@example.com |
| 2 | bob@example.com |
| +-----+ | |

Explanation: john@example.com is repeated two times. We keep the row with the smallest Id = 1.
