QUESTION

[**Combine Two Tables**](https://leetcode.com/problems/combine-two-tables/)

| Column Name | Type |

+-------------+---------+

| personId | int |

| lastName | varchar |

| firstName | varchar |

+-------------+---------+

personId is the primary key (column with unique values) 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 with unique values) for this table.

Each row of this table contains information about the city and state of one person with ID = PersonId.

Write a solution 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 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.

SOLUTION:-

SELECT

    person.firstName,

    person.lastName,

    address.city,

    address.state

FROM

    Person person

LEFT JOIN

    Address address

ON

    person.personId = address.personId;