

175. Combine Two Tables

Table: Person

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`.