Combine Two Tables

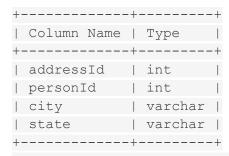
Table: Person

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

personld 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



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 personld is not present in the Address table, report null instead.

Return the result table in any order.

The guery result format is in the following example.

Example 1:

I	nput:					
P	erson	table	:			
+		+		+		+
	perso	nId	lastNa	ıme :	firstNam	e
+		+		+-		+
	1	[Wang	2	Allen	
1	2		Alice		Bob	

+	- -	+		+			
Address tabl	Le	:					
+	-+-		-+-		-+-		-+
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 firstName, LastName, Address.city, Address.state from Person left join Address on Person.personId = Address.personId;