175. Combine Two Tables

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.

Though process:

Person table contains information about person while the address table contains address information about person. Now, we need to join these two tables so we will use join. The question asks us to return null if the address is not present in the address table about a person in person table so we will use left table to get all the person detail from the table and only the matching table from the right table.

Solution:

select p.firstname, p.lastname, a.city, a.state

from person p

left join address a

on p.personid = a.personid;