Problem 1075: Project Employees I

Problem Information

Difficulty: Easy
Acceptance Rate: 66.33%
Paid Only: No
Tags: Database

Problem Description

Table: `Project`

+-------------+---------+ | Column Name | Type | +-------------+---------+ | project_id | int | | employee_id | int | +-------------+---------+ (project_id, employee_id) is the primary key of this table. employee_id is a foreign key to Employee table. Each row of this table indicates that the employee with employee_id is working on the project with project_id.

Table: `Employee`

+------------------+---------+ | Column Name | Type | +------------------+---------+ | employee_id | int | | name | varchar | | experience_years | int | +------------------+---------+ employee_id is the primary key of this table. It's guaranteed that experience_years is not NULL. Each row of this table contains information about one employee.

Write an SQL query that reports the **average** experience years of all the employees for each project, **rounded to 2 digits**.

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

The query result format is in the following example.

Example 1:

Input: Project table: +-------------+-------------+ | project_id | employee_id | +-------------+-------------+ | 1 | 1 | | 1 | 2 | | 1 | 3 | | 2 | 1 | | 2 | 4 | +-------------+-------------+ Employee table: +-------------+--------+------------------+ | employee_id | name | experience_years

| +-------------+--------+------------------+ | 1 | Khaled | 3 | | 2 | Ali | 2 | | 3 | John | 1 | | 4 | Doe | 2 | +-------------+--------+------------------+ **Output:** +-------------+---------------+ | project_id | average_years | +-------------+---------------+ | 1 | 2.00 | | 2 | 2.50 | +-------------+---------------+ **Explanation:** The average experience years for the first project is (3 + 2 + 1) / 3 = 2.00 and for the second project is (3 + 2) / 2 = 2.50

Code Snippets

MySQL:

```
# Write your MySQL query statement below
```

MS SQL Server:

```
/* Write your T-SQL query statement below */
```

PostgreSQL:

```
-- Write your PostgreSQL query statement below
```