

Table: Departments

Column Name	Type
id	int
name	varchar

id is the primary key of this table.

The table has information about the id of each department of a university.

Table: Students

Column Name	Type
id	int
name	varchar
department_id	int

id is the primary key of this table.

The table has information about the id of each student at a university and the id of the department they are enrolled in.

Write an SQL query to find the id and the name of all students who are enrolled in departments that no longer exist.

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

The query result format is in the following example.

Example 1:**

Input:

Departments table:

id	name
1	Electrical Engineering
7	Computer Engineering
13	Bussiness Administration

Students table:

id	name	department_id
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id	name	department_id
23	Alice	1
1	Bob	7
5	Jennifer	13
2	John	14
4	Jasmine	77
3	Steve	74
6	Luis	1
8	Jonathan	7
7	Daiana	33
11	Madelynn	1

Output:

id	name
2	John
7	Daiana
4	Jasmine
3	Steve

Explanation:

John, Daiana, Steve, and Jasmine are enrolled in departments 14, 33, 74, and 77 respectively