

Problem List

1421. NPV Queries

Solved

Easy

Topics

Companies

SQL Schema

Pandas Schema

Table: NPV

Column Name	Type
id	int
year	int
npv	int

(id, year) is the primary key (combination of columns with unique values) of this table. The table has information about the id and the year of each inventory and the corresponding net present value.

Table: Queries

Column Name	Type
id	int
year	int

(id, year) is the primary key (combination of columns with unique values) of this table. The table has information about the id and the year of each inventory query.

Write a solution to find the npv of each query of the Queries table.

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

The result format is in the following example.

Example 1:

Input:

NPV table:

id	year	npv
1	2018	100
7	2020	30
13	2019	40
1	2019	113
2	2008	121
3	2009	12
11	2020	99
7	2019	0

Queries table:

id	year
1	2019
2	2008
3	2009
7	2018
7	2019
7	2020
13	2019

Output:

id	year	npv
1	2019	113
2	2008	121
3	2009	12
7	2018	0
7	2019	0
7	2020	30
13	2019	40

Explanation:

The npv value of (7, 2018) is not present in the NPV table, we consider it 0. The npv values of all other queries can be found in the NPV table.

Code

MySQL

Auto

```
1 # Write your MySQL query statement below
2
3 SELECT Q.id, Q.year, IFNULL(N.npv,0) AS NPV FROM
4 Queries Q
5 LEFT JOIN
6 NPV N
7 ON Q.id = N.id AND Q.year = N.year
8
9
```

Saved

Ln 8, Col 1

Testcase

Test Result

Accepted

Runtime: 226 ms

Case 1

Input

NPV =

id	year	npv
--	----	---
1	2018	100
7	2020	30
13	2019	40
1	2019	113
2	2008	121
3	2009	12

View more

Seen this question in a real interview before?

1/5

Yes

No

Accepted 26.3K

Submissions 31.8K

Acceptance Rate 82.6%

Topics

Companies

Discussion (5)

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Queries =