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## 2072. The Winner University `Premium`

Solved ✓

`Easy`    `Topics`    `Companies`

SQL Schema  >    Pandas Schema  >

Table: `NewYork`

```
+-------------+------+
| Column Name | Type |
+-------------+------+
| student_id  | int  |
| score       | int  |
+-------------+------+
```

In SQL, student_id is the primary key for this table.
Each row contains information about the score of one student from New York University in an exam.

Table: `California`

```
+-------------+------+
| Column Name | Type |
+-------------+------+
| student_id  | int  |
| score       | int  |
+-------------+------+
```

In SQL, student_id is the primary key for this table.
Each row contains information about the score of one student from California University in an exam.

There is a competition between New York University and California University. The competition is held between the same number of students from both universities. The university that has more **excellent students** wins the competition. If the two universities have the same number of **excellent students**, the competition ends in a draw.

An **excellent student** is a student that scored `90%` or more in the exam.

Return:

- **"New York University"** if New York University wins the competition.
- **"California University"** if California University wins the competition.
- **"No Winner"** if the competition ends in a draw.

The result format is in the following example.

**Example 1:**

```
Input:
NewYork table:
+------------+-------+
| student_id | score |
+------------+-------+
| 1          | 90    |
| 2          | 87    |
+------------+-------+
California table:
+------------+-------+
| student_id | score |
+------------+-------+
| 2          | 89    |
| 3          | 88    |
+------------+-------+
Output:
+-------------------+
| winner            |
+-------------------+
| New York University |
+-------------------+
```

**Explanation:**
New York University has 1 excellent student, and California University has 0 excellent students.

**Example 2:**

```
Input:
NewYork table:
+------------+-------+
| student_id | score |
+------------+-------+
| 1          | 89    |
| 2          | 88    |
+------------+-------+
California table:
+------------+-------+
| student_id | score |
+------------+-------+
| 2          | 90    |
| 3          | 87    |
+------------+-------+
Output:
+-------------------+
| winner            |
+-------------------+
| California University |
+-------------------+
```

**Explanation:**
New York University has 0 excellent students, and California University has 1 excellent student.

**Example 3:**

```
Input:
NewYork table:
+------------+-------+
| student_id | score |
+------------+-------+
| 1          | 89    |
| 2          | 90    |
+------------+-------+
California table:
+------------+-------+
| student_id | score |
+------------+-------+
| 2          | 87    |
| 3          | 99    |
+------------+-------+
Output:
```

MySQL ∨  · Auto

```sql
1   # Write your MySQL query statement below
2
3   SELECT (
4       CASE
5           WHEN (
6               SELECT COUNT(score)
7               FROM NewYork
8               WHERE score >= 90
9           ) >
10          (
11              SELECT COUNT(score)
12              FROM California
13              WHERE score >= 90
14          ) THEN "New York University"
15          WHEN (
16              SELECT COUNT(score)
17              FROM NewYork
18              WHERE score >= 90
19          ) <
20          (
21              SELECT COUNT(score)
22              FROM California
23              WHERE score >= 90
24          ) THEN "California University"
```

☁ Saved                                              Ln 16, Col 32

Testcase    Test Result

**Accepted**    Runtime: 352 ms

• Case 1    • Case 2    • Case 3

Input

```
NewYork =
+------------+-------+
| student_id | score |
+------------+-------+
| 1          | 90    |
| 2          | 87    |
```

```
+------------+
| winner     |
+------------+
| No Winner  |
+------------+
```
**Explanation:**
Both New York University and California University have 1 excellent student.

---

Seen this question in a real interview before?   1/5

Yes   No

Accepted  **10.6K**   |   Submissions  **14.4K**   |   Acceptance Rate  **73.3%**

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California ▾