

Problem

Harry Potter and his friends are at Ollivander's with Ron, finally replacing Charlie's old broken wand.

Hermione decides the best way to choose is by determining the minimum number of gold galleons needed to buy each non-evil wand of high power and age. Write a query to print the id, age, coins_needed, and power of the wands that Ron's interested in, sorted in order of descending power. If more than one wand has same power, sort the result in order of descending age.

Submissions

Input Format

The following tables contain data on the wands in Ollivander's inventory:

Leaderboard

- Wands: The id is the id of the wand, code is the code of the wand, coins_needed is the total number of gold galleons needed to buy the wand, and power denotes the quality of the wand (the higher the power, the better the wand is).

Discussions

Column	Type
id	Integer
code	Integer
coins_needed	Integer
power	Integer

- Wands_Property: The code is the code of the wand, age is the age of the wand, and is_evil denotes whether the wand is good for the dark arts. If the value of is_evil is 0, it means that the wand is not evil. The mapping between code and age is one-one, meaning that if there are two pairs, $(code_1, age_1)$ and $(code_2, age_2)$, then $code_1 \neq code_2$ and $age_1 \neq age_2$.

Column	Type
code	Integer
age	Integer
is_evil	Integer

Sample Input

Wands Table:

```
2 WITH cte
3 AS (
4     SELECT
5         w.id AS Id,
6         wp.age,
7         w.coins_needed,
8         w.[power],
9         ROW_NUMBER() OVER (
10             PARTITION BY w.[power], wp.age
11             ORDER BY coins_needed, id
12         ) AS rn
13     FROM Wands w
14     JOIN Wands_Property wp
15     ON wp.code = w.code
16     WHERE wp.is_evil = 0
17     -- ORDER BY
18     --     w.[power] DESC,
19     --     wp.age DESC
20 )
21 SELECT Id, age, coins_needed, [power]
22 FROM cte
23 WHERE rn = 1
24 ORDER BY
25     [power] DESC,
26     age DESC;
```

Line: 1 Col: 1

Upload Code as File

Run Code

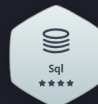
Submit Code

You have earned 30.00 points!

You are now 135 points away from the gold level for your sql badge.

33%

515/650



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Next Challenge

Test case 0

Compiler Message

Success

Input (stdin)

Download

1 INPUT

Expected Output

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```
1 1038 496 4789 10
2 1130 494 9439 10
3 1315 492 4126 10
4 9 491 7345 10
```