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.

Input Format

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

- 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).

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 $age_1 \neq age_2$.

MySQL

```
1 SELECT id, age, coins_needed, power FROM Wands
  JOIN Wands_Property ON Wands.code =
  Wands_Property.code
2 WHERE (age, coins_needed, power) IN (
3     SELECT age, MIN(coins_needed), power
4     FROM Wands JOIN Wands_Property ON Wands.code
  = Wands_Property.code
5     WHERE Wands_Property.is_evil = 0
6     GROUP BY age, power)
7 ORDER BY power DESC, age DESC;
```

Line: 7 Col: 31

Upload Code as File | Run Code | Submit Code

Congratulations!

You have passed the sample test cases. Click the submit button to run your code against all the test cases.

Sample Test case 0

Your Output (stdout)

```
1 1038 496 4789 10
2 1130 494 9439 10
3 1315 492 4126 10
4 9 491 7345 10
5 858 483 4352 10
6 1164 481 9831 10
7 1288 464 4952 10
8 861 462 8302 10
9 412 455 5625 10
```