



再玩手機的話皮膚會變差㗎

HW09_YareYare

Assignment Requirement

Ojou-sama wants to buy a new smartphone. She is tired of using her Nokia 3310 for 20 years. In preparation for the possibility of venturing into an isekai with a smartphone, Ojou-sama has been gathering information on which smartphones would grant her the best abilities in such a scenario. She learned that battery capacity and signal strength are the most crucial features. Help Ojou-sama filter out the good smartphones from a large list.

The input consists of **unique** elements, and each element contains two numbers representing a smartphone's battery capacity and signal strength.

Given two elements $A = (X_A, Y_A)$ and $B = (X_B, Y_B)$, if $X_A \geq X_B$ and $Y_A \geq Y_B$, then A is considered **better** than B.

Given an element A, if there is **no** other element better than A, then A is called a **good** element.

Your task is to filter out **all the good smartphones**.

Note: The output must preserve the input order.

Input: `[[1,1],[2,4],[2,10],[5,4],[4,8],[5,5],[8,4],[10,2],[10,1]]`

Output: `[[2,10],[4,8],[5,5],[8,4],[10,2]]`

```
public abstract class Buy_Phone{
    public abstract int[][] bestPhone(int[][] inputArr);
}
```

好想買iPhone 16

可是三萬八太貴了...

其實你可以先別買iPhone16

於是你就省下了三萬八

然後你再把省下來的三萬八去
買iPhone16

不就相當於你免費獲得了一台
iPhone16嗎

你好有道理