

1626. Best Team With No Conflicts

Hint



Medium



1.8K



54



Companies

You are the manager of a basketball team. For the upcoming tournament, you want to choose the team with the highest overall score. The score of the team is the **sum** of scores of all the players in the team.

However, the basketball team is not allowed to have **conflicts**. A **conflict** exists if a younger player has a **strictly higher** score than an older player. A conflict does **not** occur between players of the same age.

Given two lists, `scores` and `ages`, where each `scores[i]` and `ages[i]` represents the score and age of the i^{th} player, respectively, return *the highest overall score of all possible basketball teams*.

Example 1:

Input: `scores = [1,3,5,10,15]`, `ages = [1,2,3,4,5]`

Output: 34

Explanation: You can choose all the players.

Example 2:

Input: `scores = [4,5,6,5]`, `ages = [2,1,2,1]`

Output: 16

Explanation: It is best to choose the last 3 players. Notice that you are allowed to choose multiple people of the same age.

Example 3:

Input: `scores = [1,2,3,5]`, `ages = [8,9,10,1]`

Output: 6

Explanation: It is best to choose the first 3 players.

Constraints:

- $1 \leq \text{scores.length}, \text{ages.length} \leq 1000$
- $\text{scores.length} == \text{ages.length}$
- $1 \leq \text{scores}[i] \leq 10^6$
- $1 \leq \text{ages}[i] \leq 1000$

Accepted 42.7K

Submissions 90.2K

Acceptance Rate 47.3%