

1094. Car Pooling

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There is a car with `capacity` empty seats. The vehicle only drives east (i.e., it cannot turn around and drive west).

You are given the integer `capacity` and an array `trips` where `trips[i] = [numPassengersi, fromi, toi]` indicates that the i^{th} trip has `numPassengersi` passengers to travel from `fromi` to `toi`. `fromi` and `toi` are lengths of road from 0 to 1000. Note that `trips` will only contain those trips which actually have passengers in the car. That is, `trips[i][0] > 0`.

Return `true` if it is possible to pick up and drop off all passengers for all the given trips, or `false` otherwise.

Example 1:

Input: `trips = [[2,1,5],[3,3,7]]`, `capacity = 4`
Output: `false`

Example 2:

Input: `trips = [[2,1,5],[3,3,7]]`, `capacity = 5`
Output: `true`

Constraints:

- `1 <= trips.length <= 1000`
- `trips[i].length == 3`
- `1 <= numPassengersi <= 100`
- `0 <= fromi < toi <= 1000`
- `1 <= capacity <= 105`

Seen this question in a real interview before? 1/4

[Yes](#) [No](#)

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