1094. Car Pooling

Description

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] = [numPassengers`$_i$`, from`$_i$`, to`$_i$`]` indicates that the `i`th trip has `numPassengers`$_i$ passengers and the locations to pick them up and drop them off are `from`$_i$ and `to`$_i$ respectively. The locations are given as the number of kilometers due east from the car's initial location.

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 <= numPassengers`$_i$ `<= 100`
- `0 <= from`$_i$ `< to`$_i$ `<= 1000`
- `1 <= capacity <= 10`^{5}