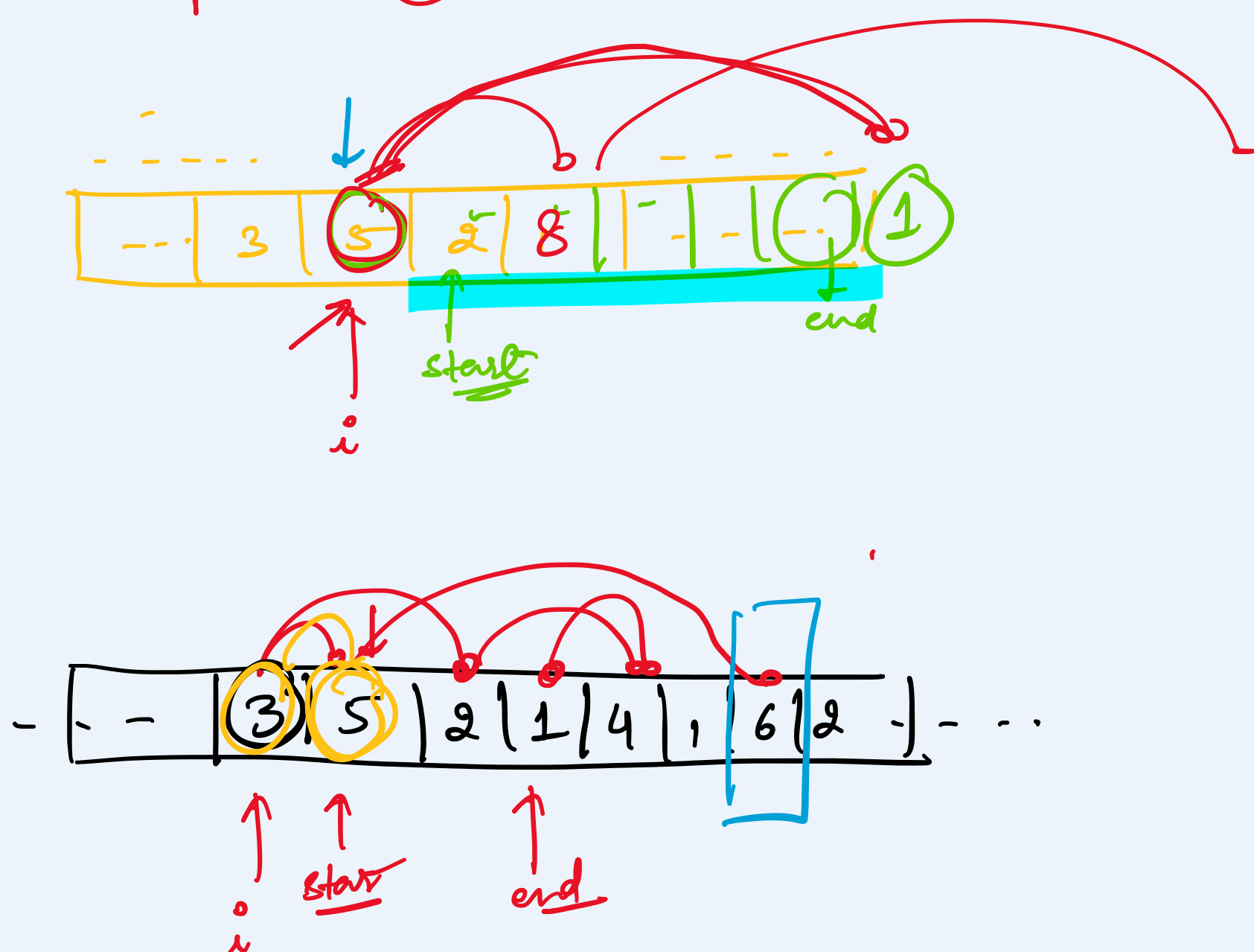


Q Jump game II [leetcode]

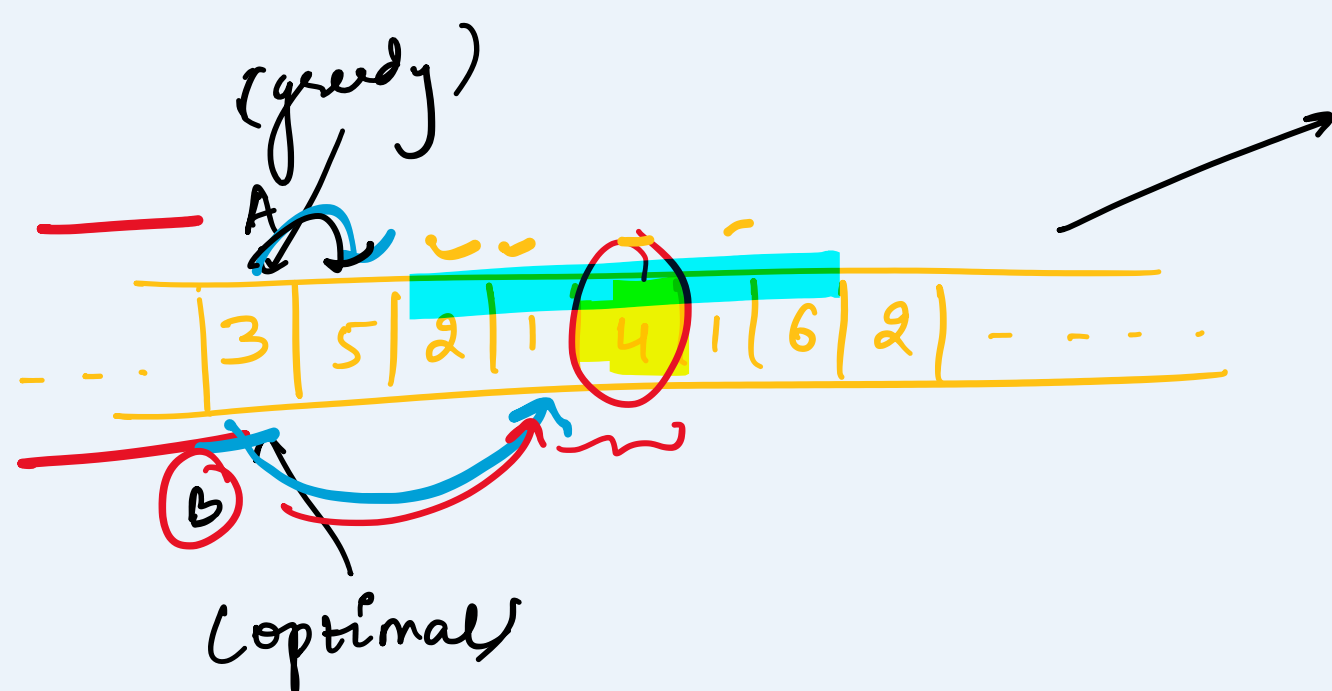
arr \rightarrow [2, 3, 1, 1, 4]

output \rightarrow (2)



Proof by contradiction

If at any step, we make a different choice than what our greedy algorithm would make, we can find a better solution to the problem.



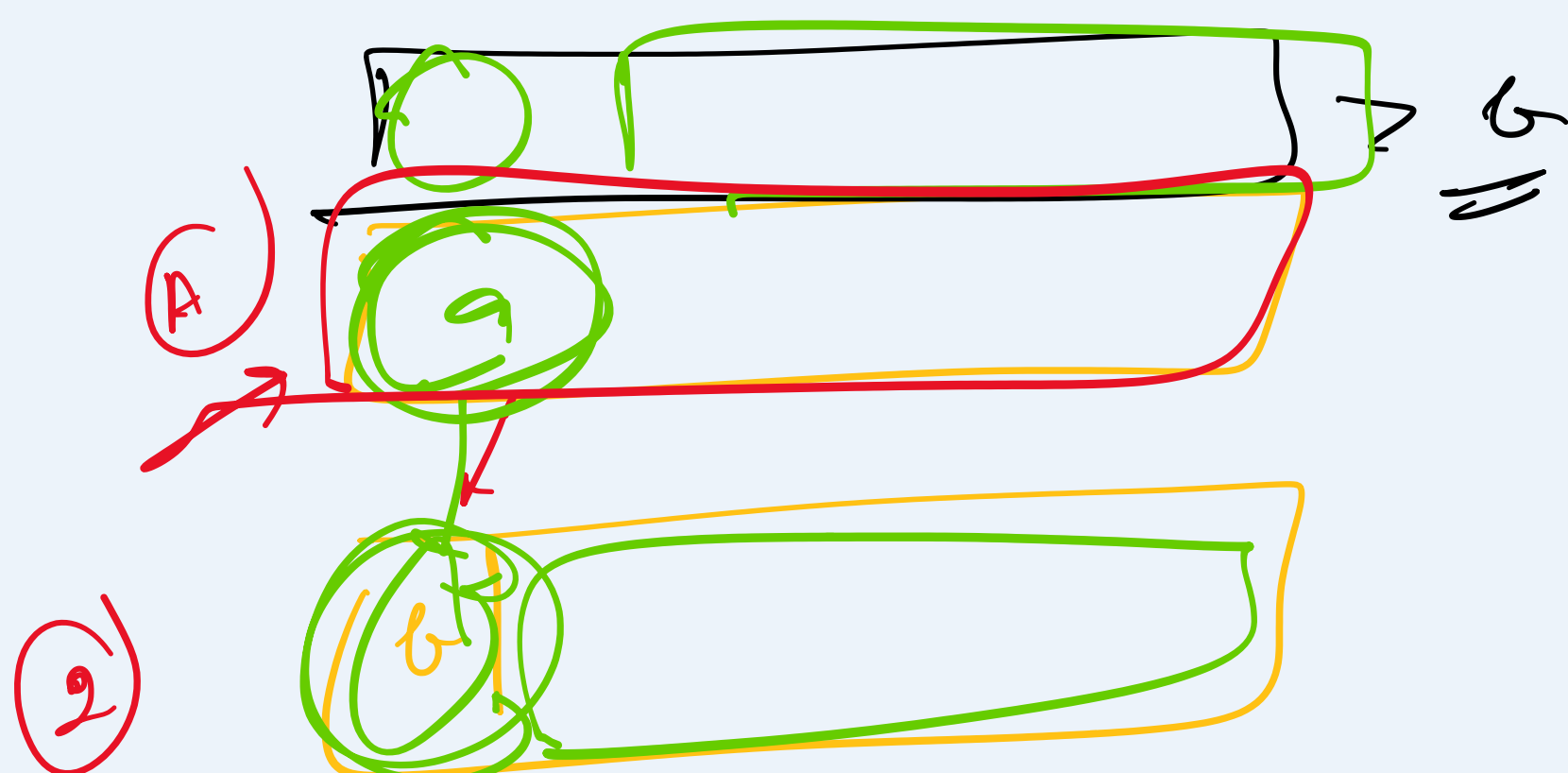
Q Advantage shuffle leetcode

num 1 = [2, 7, 11, 15] \rightarrow (2)

num 2 = [1, 10, 4, 11]



a > b



Q Boats to save people

① people \rightarrow [1, 2] limit \rightarrow (3)

ans \rightarrow (1) B1 \rightarrow [1, 2]

② people \rightarrow [3, 2, 2, 1] limit \rightarrow (3)

(3)

(1, 2), (2), (3)

Intuition:

Heaviest person shares a boat with the lightest person.