

Airplane seating algorithm

Write a program that helps seat audiences in a flight based on the following input and rules.

Rules for seating

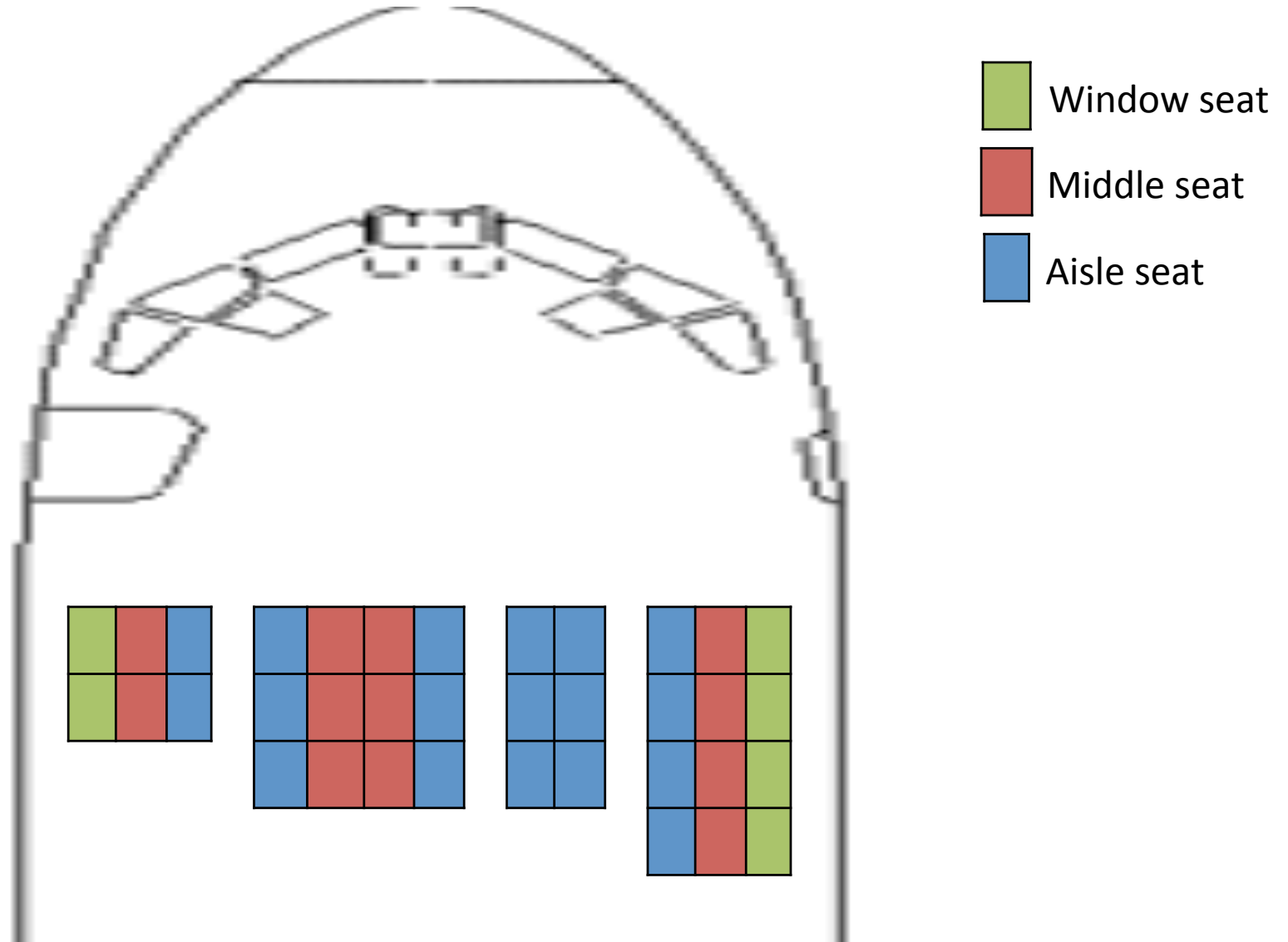
- Always seat passengers starting from the front row to back, starting from the left to the right
- Fill aisle seats first followed by window seats followed by center seats (any order in center seats)

Input to the program will be

- a 2D array that represents the rows and columns [[3,4], [4,5], [2,3], [3,4]]
- Number of passengers waiting in queue.

See next page for input, seating arrangement and output.

A 2D array that represents the rows and columns
[[3,2], [4,3], [2,3], [3,4]]



If there were 30 passengers from then the seating output will be ...

