Q1.

Approach:

Grid Initialization – Create a 2D grid where each cell represents a point in the coordinate system which visualize flight paths in a 2D plane.

Flight Path – Each path is represented by set of coordinates and it is marked by flight number in the grid.

Sites:

<https://stackoverflow.com/questions/2991950/one-way-flight-trip-problem>

<https://martystepp.com/cppdoc/Grid-class.html#:~:text=Grid()%3B%20Grid(int%20nRows,number%20of%20rows%20and%20columns>.