3-algorithm.md 30/04/2021

Algorithm: Number of Unique Paths

• Try to calculate number of paths for reaching any cell (moves allowed only right and bottom), starting from 1st cell of the matrix.

- You will notice that number of paths to reach any cell will depend on two previous states,
 - upper nearest cell from where we can reach current cell and
 - left nearest cell as sum of number of paths to reach these cells.