

Turtle Mission: Robot and the Earthquake

By viewing the robot's movement relative to the rocks, Robot RT's three moves become as follows:

- Up: Stationary
- Down, (x, y) to $((x + 2) \bmod n, y)$
- Right, (x, y) to $((x + 1) \bmod n, y + 1)$

As staying stationary is not necessary now when we are finding the minimum time, we can run a bfs/dp from $(0, 0)$ to find the minimum time required to reach every grid in the second last column $(x \bmod n, m - 2)$. Finally, choose the best among all n tiles after waiting for the endpoint to cycle back.