

Level 2



Glados:

That's not bad, greeny, but even a kid can do that. Let's see how you do next.

You'll have to keep track of all the visited points.

Task for Level 2:

Generate a list of all the points visited by an alien who follows a path as described in the previous level

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- > The world is a 2D grid consisting of square cells
- > The bounds of the world are at (0,0) and (WX,WY) meaning $x \in [0, WX)$, $y \in [0, WY)$
- > The size of the grid is given in input
- Aliens movements are exactly as described in the previous level

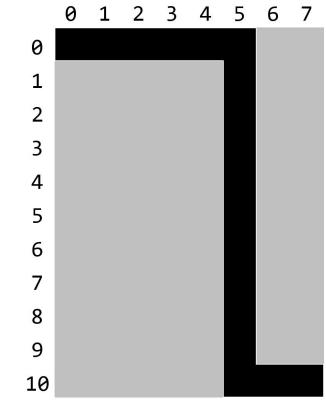
CATALYSTS CODING CONTEST Level 2

Input format: <WX> <WY>

<COMMAND> <STEPS> <COMMAND> <STEPS> ...

Output format:

....



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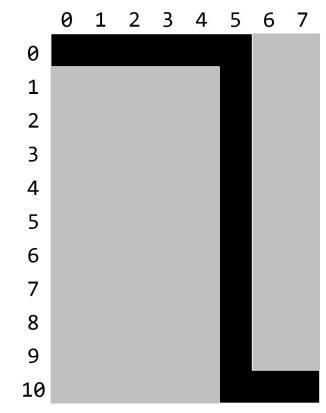
Starting at (0,0) with a board size of 8x11

Input sequence:

8 11

0 0

F5T1F10T3F2



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Example

5 10

6 10 7 10

