

Jim On His Trail

- This is Jim.
- Jim enjoys hiking everyday.
- He starts from the origin in the morning, facing north. There are three types of actions he makes
 - 'F': move forward one meter.
 - 'L': turn left 90 degrees.
 - 'R': turn right 90 degrees.
- At the end of the day he returns to the origin. He never visits the same point twice except for the origin

Catalysts



Level 1: Distance

Catalysts

- Jim wants to know the distance how many meters he walks (**D**).
- Input: starts with an integer **L**. Following are **L** "**S T**" pairs, where **S** is a string consisting of 'L', 'R', and 'F' characters, and **T** is an integer indicating how many times **S** is repeated.
- Output: **D**
- Example:
 - Input: 9 F 6 R 1 F 4 RFF 2 LFF 1 LFFFR 1 F 2 R 1 F 5
 - Output: 26

