# **Advent of Code**

**— 2024 —** 

by Lord Baryhobal



Stars: 29 / 50

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1 ★★
2 **	3 ★★	4 <b>★★</b>	5 <b>★★</b>	6 <b>★★</b>	7 <b>★★</b>	8 **
9	10 ★★	11 ★★	12 ★★	13 ★★	14 ★★	15 *
16	17	18	19	20	21	22
23	24	25				

## **Contents** Puzzle 1 ...... 17 Puzzle 2 ...... 17 Puzzle 1 ...... 3 Puzzle 2 ...... 3 Day 2 \* ..... 4 Puzzle 1 ...... 4 Puzzle 2 ...... 4 Day 3 \* ..... 5 Puzzle 1 ...... 5 Puzzle 2 ...... 5 Day 4 \* ..... 6 Puzzle 1 ...... 6 Puzzle 2 ...... 6 Day 5 \* ..... 7 Puzzle 1 ...... 7 Puzzle 2 ...... 7 Day 6 \* ..... 8 Puzzle 1 ...... 8 Puzzle 2 ...... 8 Day 7\*\* ......9 Puzzle 1 ...... 9 Puzzle 2 ...... 9 Day 8 \* ..... 10 Puzzle 1 ...... 10 Puzzle 2 ...... 10 Puzzle 1 ...... 11 Puzzle 2 ...... 11 Puzzle 1 ...... 12 Puzzle 2 ...... 12 Day 11 \* ...... 13 Puzzle 1 ...... 13 Puzzle 2 ...... 13 Day 12 \* ...... 14 Puzzle 1 ...... 14 Puzzle 2 ...... 14 Puzzle 1 ...... 15 Puzzle 2 ...... 15 Puzzle 1 ...... 16 Puzzle 2 ...... 16

Day 1 🛨 🛨

## Puzzle 1

Example passes

Result: 2113135

## Puzzle 2

Example passes

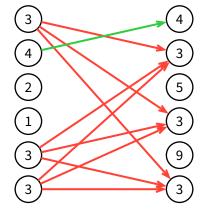


Figure 1: Example (visualization)



Example passes

Result: 660

## Puzzle 2

## Example passes

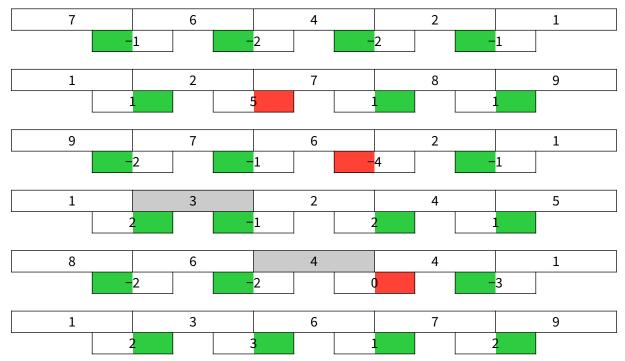


Figure 2: Example (visualization)

# Day 3

### Puzzle 1

Example '1' passes

$$\begin{array}{c} \texttt{x}\underbrace{\texttt{mul(2,4)}} \% \texttt{Mmul[3,7]!@^do\_not\_} + \texttt{mul(32,64]then(}\underbrace{\texttt{mul(11,8)}} \\ 88 & 40 \\ \\ \texttt{Listing 1: Example '1' (visualization)} \end{array}$$

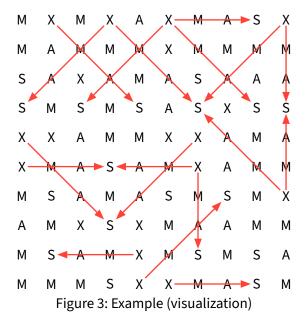
Result: 187825547

### Puzzle 2

Example '2' passes



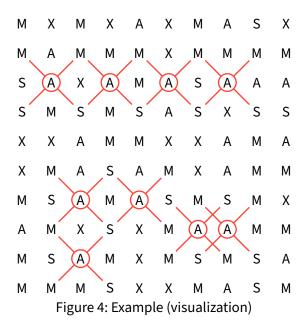
Example passes



Result: 2654

### Puzzle 2

Example passes





## Example passes

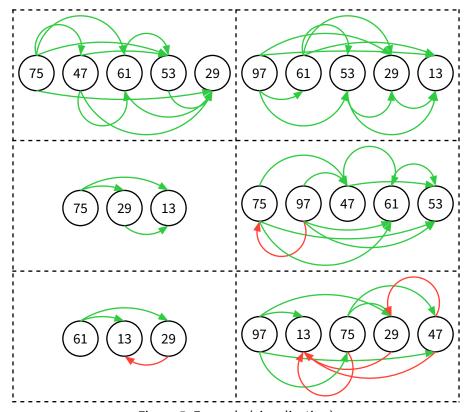


Figure 5: Example (visualization)

Result: 5374

## Puzzle 2

Example passes



Example passes

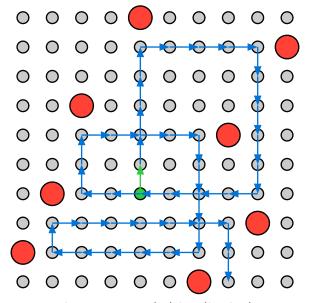


Figure 6: Example (visualization)

Result: 4752

### Puzzle 2

Example passes

Day 7

### Puzzle 1

### Example passes

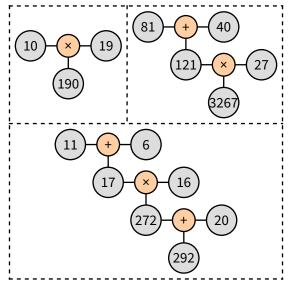


Figure 7: Example (visualization)

Result: 850435817339

## Puzzle 2

### Example passes

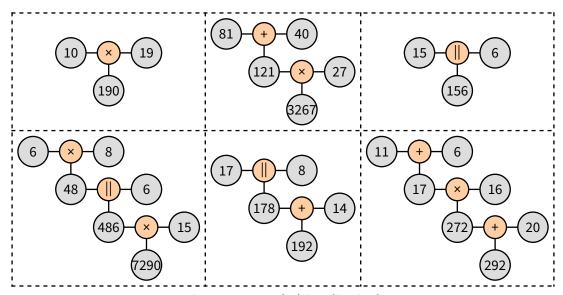


Figure 8: Example (visualization)

# Day 8

### Puzzle 1

Example passes

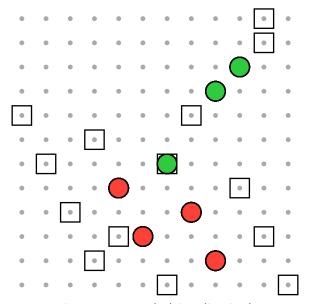


Figure 9: Example (visualization)

Result: 265

### Puzzle 2

Example passes

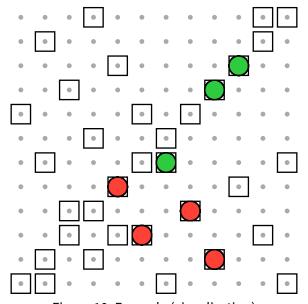


Figure 10: Example (visualization)



Example '1' passes

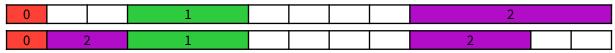


Figure 11: Example '1' (visualization)

### Example '2' passes

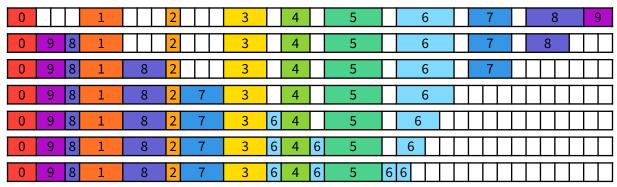


Figure 12: Example '2' (visualization)

### Result: 6390180901651

#### Puzzle 2

Example '1' passes



Figure 13: Example '1' (visualization)

### Example '2' passes



Figure 14: Example '2' (visualization)



Example passes

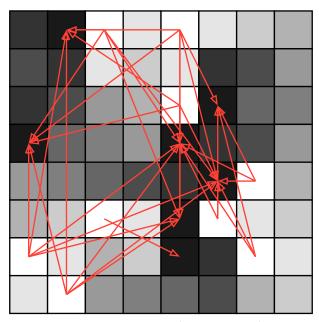


Figure 15: Example (visualization)

Result: 825

## Puzzle 2

Example passes

# Day 11★★

## Puzzle 1

Example passes

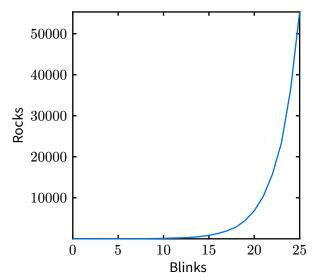


Figure 16: Example (visualization)

Result: 191696

## Puzzle 2

# Day 12\*\*

## Puzzle 1

Example '1' passes Example '2' passes Example '3' passes

Result: 1450422

### Puzzle 2

Example '1' passes Example '2' passes Example '3' passes

Example '4' passes Example '5' passes

Day 13★★

## Puzzle 1

Example passes

Result: 29438

## Puzzle 2

Example passes



Example passes

Result: 230436441

# Puzzle 2

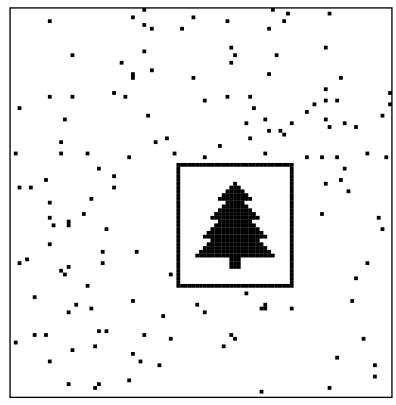


Figure 17: Christmas tree easter egg

# Day 15 🛨

## Puzzle 1

Example '1' passes

Example '2' passes

Result: 1526018

## Puzzle 2

Example '2' passes