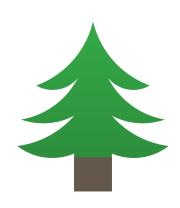
Advent of Code

-2024 -

by Lord Baryhobal



Stars: 34 / 50

Mon	Tue	Wed	Thu	Fri	Sat	Sun
						1 ★★
2 **	3 **	4 ★★	5 **	6 **	7 ★★	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 Day 1 * 3 Day 16 18 Puzzle 1 3 Puzzle 1 18 Puzzle 2 3 Puzzle 2 18 Day 2 * 4 Puzzle 1 4 Puzzle 1 19 Puzzle 2 4 Puzzle 2 19 Day 3 * 5 Puzzle 1 5 Puzzle 1 20 Puzzle 2 5 Puzzle 2 20 Day 4 * 6 Day 19 \(\psi \) 21 Puzzle 1 6 Puzzle 1 21 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 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 Puzzle 1 14 Puzzle 2 14 Day 13 * 15 Puzzle 1 15 Puzzle 2 15 Puzzle 1 16 Puzzle 2 16

Day 1 🛨 🛨

Puzzle 1

Example passes

Result: 2113135

Puzzle 2

Example passes

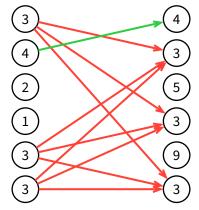


Figure 1: Example (visualization)



Example passes

Result: 660

Puzzle 2

Example passes

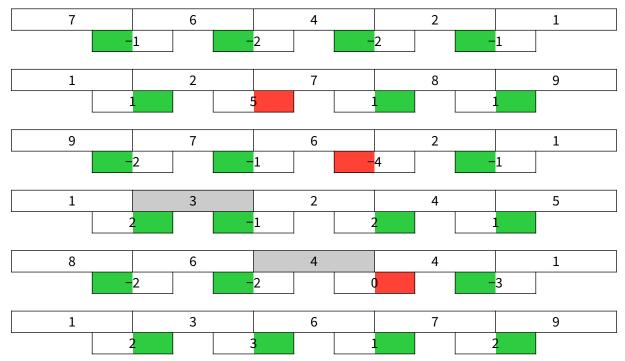


Figure 2: Example (visualization)

Day 3

Puzzle 1

Example '1' passes

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

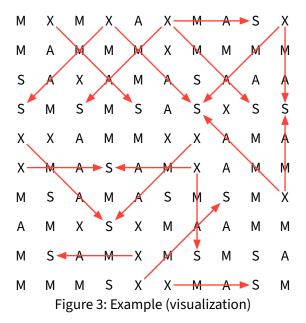
Result: 187825547

Puzzle 2

Example '2' passes



Example passes



Result: 2654

Puzzle 2

Example passes





Example passes

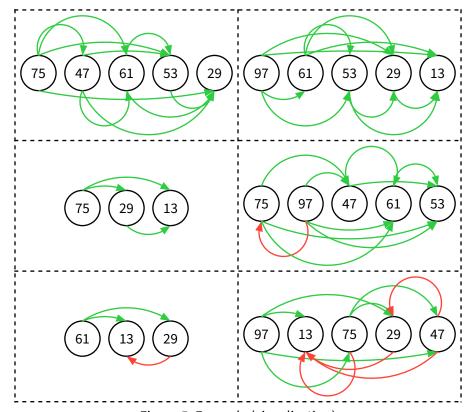


Figure 5: Example (visualization)

Result: 5374

Puzzle 2

Example passes



Example passes

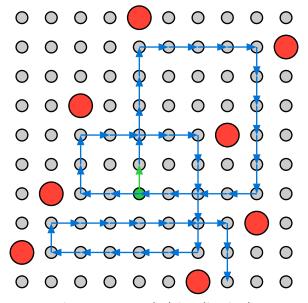


Figure 6: Example (visualization)

Result: 4752

Puzzle 2

Example passes

Day 7

Puzzle 1

Example passes

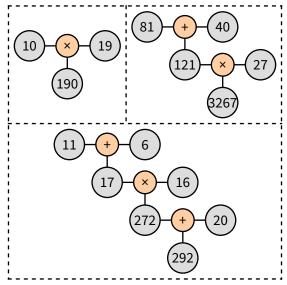


Figure 7: Example (visualization)

Result: 850435817339

Puzzle 2

Example passes

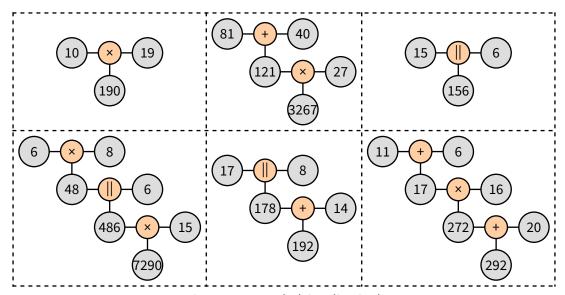


Figure 8: Example (visualization)



Example passes

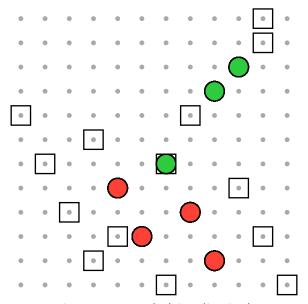


Figure 9: Example (visualization)

Result: 265

Puzzle 2

Example passes

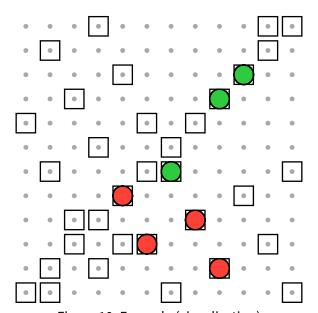


Figure 10: Example (visualization)



Example '1' passes

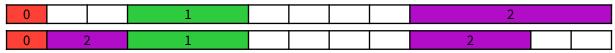


Figure 11: Example '1' (visualization)

Example '2' passes

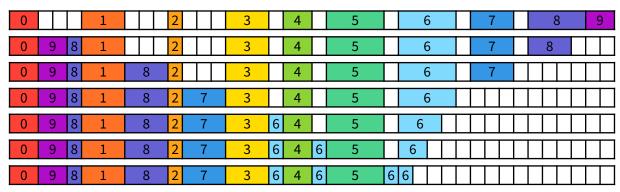


Figure 12: Example '2' (visualization)

Result: 6390180901651

Puzzle 2

Example '1' passes



Figure 13: Example '1' (visualization)

Example '2' passes



Figure 14: Example '2' (visualization)



Example passes

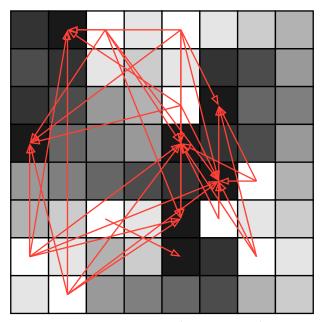


Figure 15: Example (visualization)

Result: 825

Puzzle 2

Example passes

Day 11★★

Puzzle 1

Example passes

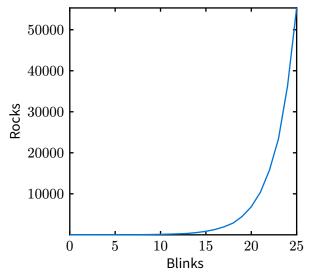


Figure 16: Example (visualization)

Result: 191690

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

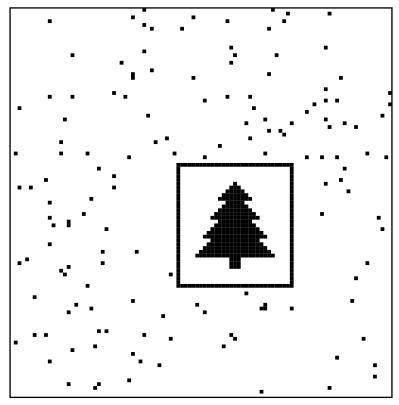


Figure 17: Christmas tree easter egg

Day 15★★

Puzzle 1

Example '1' passes

Example '2' passes

Result: 1526018

Puzzle 2

Example '2' passes

Day 16

Puzzle 1

Example '1' fails Expected '7036' got '0' Example '2' fails Expected '11048' got '0'

Result: 0

Puzzle 2

Day 17

Puzzle 1

Example '1' passes

Result: "2,7,6,5,6,0,2,3,1"

Puzzle 2

Example:

0,3,5,4,3,0 ADV: A >>= 3

OUT: OUT(A & 0b111)

JNZ: IF A != 0 {PC = 0}

Input:

2,4,1,5,7,5,1,6,4,2,5,5,0,3,3,0

BST: B = A & 0b111

BXL: B ^= 5 CDV: C = A >> B

BXL: B ^= 6 BXC: B ^= C

OUT: OUT(B & 0b111)

ADV: A >>= 3

JNZ: IF A $!= 0 \{PC = 0\}$

Day 18★★

Puzzle 1

Example passes

0	0		#	0	0	0
	0	#	0	0	#	0
	0	0	0	#	0	0
			#	0	0	#
		#	0	0	#	
	#		0	#		
#		#	0	0	0	0

Figure 18: Example (visualization)

Result: 296

Puzzle 2

Example passes

Result: "64,54"

Day 19*

Puzzle 1

Example passes

Result: 258

Puzzle 2