Advent of Code

— 2024 —

by Lord Baryhobal
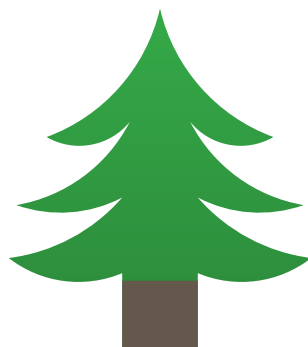
Stars: 19 / 50

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

Day 1 ⭐⭐

Puzzle 1

Example passes

Result: 2113135

Puzzle 2

Example passes

Figure 1: Example (visualization)

Result: 19097157

Day 2⭐⭐

Puzzle 1

Example passes

Result: 660

Puzzle 2

Example passes

7	6	4	2	1
−1	−2	−2	−1	

1	2	7	8	9
1	5	1	1	

9	7	6	2	1
−2	−1	−4	−1	

1	3	2	4	5
2	−1	2	1	

8	6	4	4	1
−2	−2	0	−3	

1	3	6	7	9
2	3	1	2	

Figure 2: Example (visualization)

Result: 689

Day 3⭐⭐

Puzzle 1

> Example '1' passes

x`mul(2,4)`%&mul[3,7]!@^do_not_`mul(5,5)`+mul(32,64]then(`mul(11,8)``mul(8,5)`)
   8   25   88   40

Listing 1: Example '1' (visualization)

> Result: 187825547

Puzzle 2

> Example '2' passes

> Result: 85508223

Day 4⭐⭐

Puzzle 1

Example passes

```
M   X   M   X   A   X   M   A   S   X
M   A   M   M   M   X   M   M   M   M
S   A   X   A   M   A   S   A   A   A
S   M   S   M   S   A   S   X   S   S
X   X   A   M   M   X   X   A   M   A
X   M   A   S   A   M   X   A   M   M
M   S   A   M   A   S   M   S   M   X
A   M   X   S   X   M   A   A   M   M
M   S   A   M   X   M   S   M   S   A
M   M   M   S   X   X   M   A   S   M
```

Figure 3: Example (visualization)

Result: 2654

Puzzle 2

Example passes

```
M   X   M   X   A   X   M   A   S   X
M   A   M   M   M   X   M   M   M   M
S   A   X   A   M   A   S   A   A   A
S   M   S   M   S   A   S   X   S   S
X   X   A   M   M   X   X   A   M   A
X   M   A   S   A   M   X   A   M   M
M   S   A   M   A   S   M   S   M   X
A   M   X   S   X   M   A   A   M   M
M   S   A   M   X   M   S   M   S   A
M   M   M   S   X   X   M   A   S   M
```

Figure 4: Example (visualization)

Result: 1990

Day 5⭐⭐

Puzzle 1

Example passes

Figure 5: Example (visualization)

Result: 5374

Puzzle 2

Example passes

Result: 4260

Day 6⭐⭐

Puzzle 1
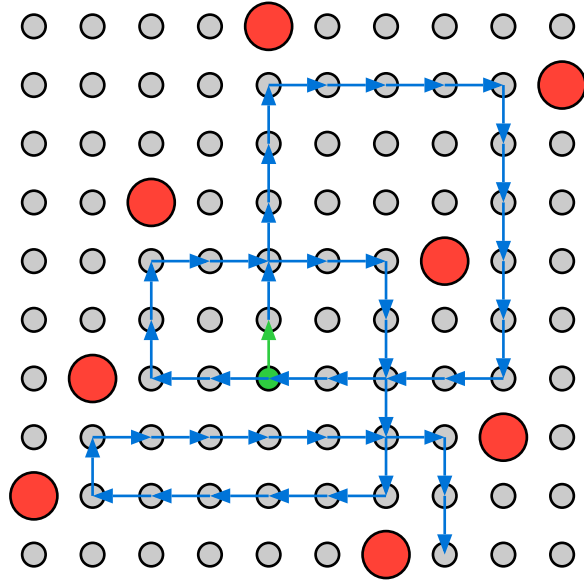
Example passes

Figure 6: Example (visualization)

Result: 4752

Puzzle 2

Example passes

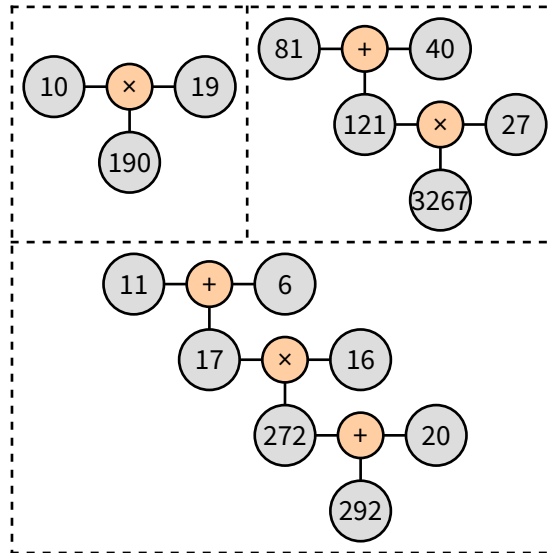Result: 1719

Day 7 ⭐⭐

Puzzle 1

Example passes

Figure 7: Example (visualization)
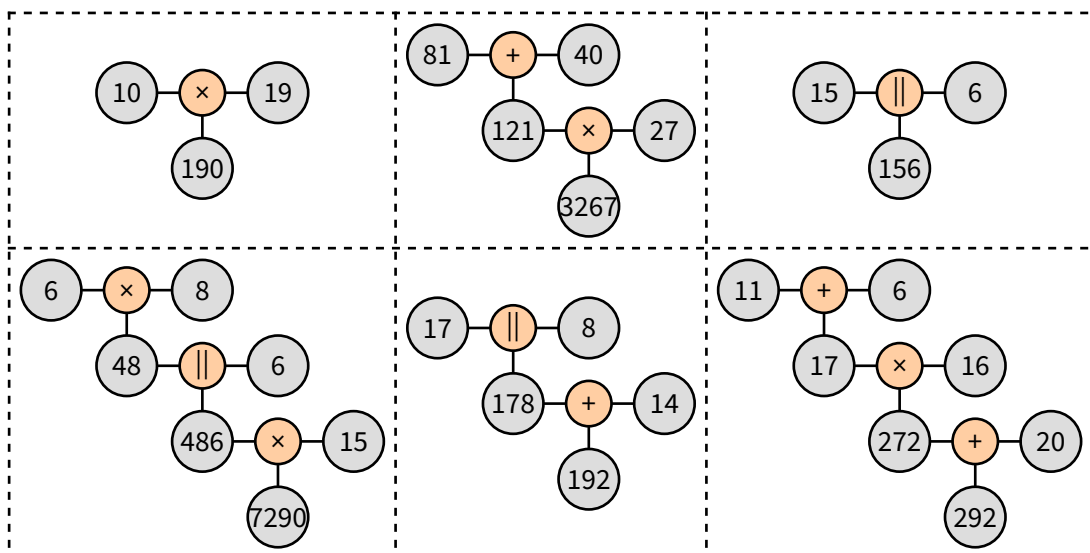
Result: 850435817339

Puzzle 2

Example passes

Figure 8: Example (visualization)

Result: 104824810233437
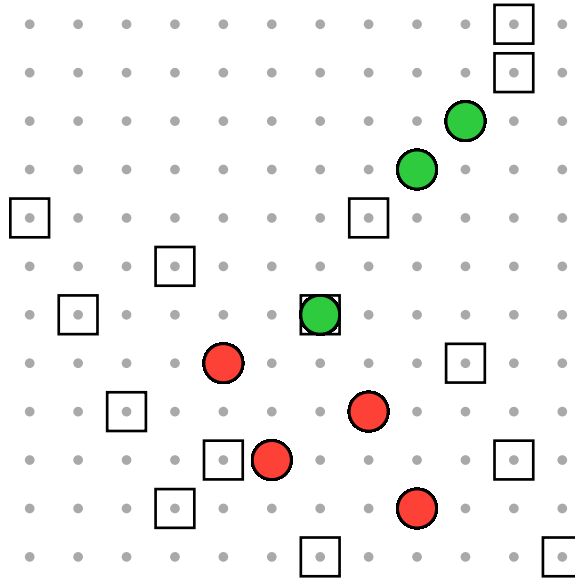
Day 8⭐⭐

Puzzle 1

Example passes

Figure 9: Example (visualization)

Result: 265

Puzzle 2
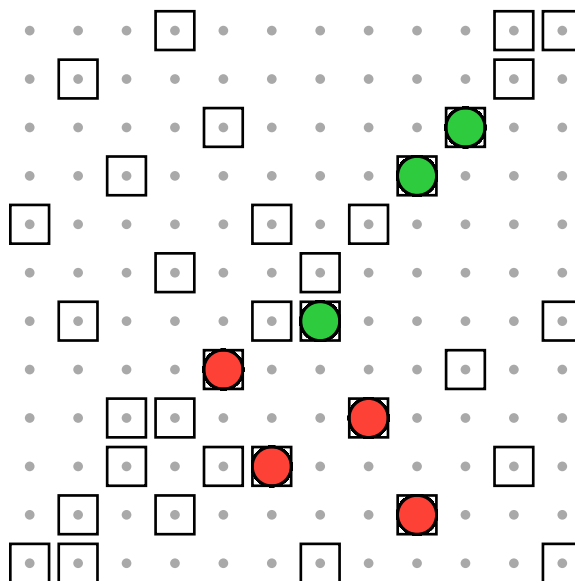
Example passes

Figure 10: Example (visualization)

Result: 962

Day 9⭐⭐

Puzzle 1

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)

Result: 6412390114238

Day 10⭐

Puzzle 1

Example passes

Result: 825

Puzzle 2

Example fails   Expected '0' got 'none'

Result: none