Advent of Code 2015

Zach Bogart

2020-12-05

Day 1: Not Quite Lisp

https://adventofcode.com/2020/day/6

```
raw = read_file("inputs/01-input.txt") %>%
  str_split("")

input = tibble(x = raw[[1]])
```

Part 1

```
input %>%
  mutate(number = ifelse(x == "(", 1, -1)) %>%
  summarise(total = sum(number))
```

```
## # A tibble: 1 x 1
##    total
##    <dbl>
## 1    138
```

Part 2

```
input %>%
  mutate(index = row_number()) %>%
  mutate(number = ifelse(x == "(", 1, -1)) %>%
  mutate(progress = cumsum(number)) %>%
  filter(progress < 0) %>%
  arrange(index)
```

```
## # A tibble: 4,450 x 4
##     x      index number progress
##     <chr> <int>  <dbl>    <dbl>
## 1 )        1771    -1      -1
## 2 )        1772    -1      -2
## 3 (        1773     1      -1
## 4 )        1775    -1      -1
## 5 )        1787    -1      -1
## 6 )        1788    -1      -2
```

```
##  7 )       1789      -1       -3
##  8 )       1790      -1       -4
##  9 (       1791       1       -3
## 10 )       1792      -1       -4
## # ... with 4,440 more rows
```