Advent of Code 2020

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Day 1: Report Repair

https://adventofcode.com/2020/day/1

```
input = read_delim("inputs/01-input.txt", delim = "\n", col_names = "value")
```

Part 1

```
part_1 = input %>%
  mutate(diff_2020 = 2020 - value,
         in_row = diff_2020 %in% value)
```

```
part_1 %>%
  filter(in_row) %>%
  select(value) %>%
  prod()
```

```
## [1] 910539
```

Part 2

```
part_2 = c(input$value)
```

```
part_2_df = expand.grid(part_2, part_2, part_2) %>%
  mutate(total = Var1 + Var2 + Var3) %>%
  filter(total == 2020) %>%
  mutate(prod = Var1 * Var2 * Var3)
```

```
part_2_df[1, 5]
```

```
## [1] 116724144
```