

[Advent of Code 2019](#) [\[About\]](#) [\[Events\]](#) [\[Shop\]](#) [\[Settings\]](#) [\[Log Out\]](#) [Menschomat](#) [10\\*](#)  
[\[Calendar\]](#) [\[AoC++\]](#) [\[Sponsors\]](#) [\[Leaderboard\]](#) [\[Stats\]](#)

--- Day 4: Secure Container ---

You arrive at the Venus fuel depot only to discover it's protected by a password. The Elves had written the password on a sticky note, but someone threw it out.

However, they do remember a few key facts about the password:

- It is a six-digit number.
- The value is within the range given in your puzzle input.
- Two adjacent digits are the same (like `22` in `122345`).
- Going from left to right, the digits never decrease; they only ever increase or stay the same (like `111123` or `135679`).

Other than the range rule, the following are true:

- `111111` meets these criteria (double `11`, never decreases).
- `223450` does not meet these criteria (decreasing pair of digits `50`).
- `123789` does not meet these criteria (no double).

How many different passwords within the range given in your puzzle input meet these criteria?

Your puzzle answer was `945`.

--- Part Two ---

An Elf just remembered one more important detail: the two adjacent matching digits are not part of a larger group of matching digits.

Given this additional criterion, but still ignoring the range rule, the following are now true:

- `112233` meets these criteria because the digits never decrease and all repeated digits are exactly two digits long.
- `123444` no longer meets the criteria (the repeated `44` is part of a larger group of `444`).
- `111122` meets the criteria (even though `1` is repeated more than twice, it still contains a double `22`).

How many different passwords within the range given in your puzzle input meet all of the criteria?

Your puzzle answer was `617`.

Both parts of this puzzle are complete! They provide two gold stars: \*\*

At this point, you should [return to your Advent calendar](#) and try another puzzle.

Your puzzle input was `264360-746325`.

You can also [\[Share\]](#) this puzzle.

Our [sponsors](#) help make Advent of Code possible:

[BJSS](#) - Good luck to all BJSSers competing in Advent of Code 2019.