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--- Day 5: Doesn't He Have Intern-Elves For This? ---

Santa needs help figuring out which strings in his text file are naughty or
nice.

A nice string is one with all of the following properties:

  - It contains at least three vowels (aeiou only), like aei, xazegov, or
    aeiouaeiouaeiou.
  - It contains at least one letter that appears twice in a row, like xx,
    abcdde (dd), or aabbccdd (aa, bb, cc, or dd).
  - It does not contain the strings ab, cd, pq, or xy, even if they are
    part of one of the other requirements.

For example:

  - ugknbfddgicrmopn is nice because it has at least three vowels (
    u...i...o...), a double letter (...dd...), and none of the disallowed
    substrings.
  - aaa is nice because it has at least three vowels and a double letter,
    even though the letters used by different rules overlap.
  - jchzalrnumimnmhp is naughty because it has no double letter.
  - haegwjzuvuyypxyu is naughty because it contains the string xy.
  - dvszwmarrgswjxmb is naughty because it contains only one vowel.

How many strings are nice?

Your puzzle answer was 258.

--- Part Two ---

Realizing the error of his ways, Santa has switched to a better model of
determining whether a string is naughty or nice. None of the old rules
apply, as they are all clearly ridiculous.

Now, a nice string is one with all of the following properties:

  - It contains a pair of any two letters that appears at least twice in
    the string without overlapping, like xyxy (xy) or aabcdefgaa (aa), but
    not like aaa (aa, but it overlaps).
  - It contains at least one letter which repeats with exactly one letter
    between them, like xyx, abcdefeghi (efe), or even aaa.

For example:

  - qjhvhtzxzqqjkmpb is nice because is has a pair that appears twice (qj)
    and a letter that repeats with exactly one letter between them (zxz).
  - xxyxx is nice because it has a pair that appears twice and a letter
    that repeats with one between, even though the letters used by each
    rule overlap.
  - uurcxstgmygtbstg is naughty because it has a pair (tg) but no repeat
    with a single letter between them.
  - ieodomkazucvgmuy is naughty because it has a repeating letter with one
    between (odo), but no pair that appears twice.

How many strings are nice under these new rules?

Your puzzle answer was 53.

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.

If you still want to see it, you can get your puzzle input.

You can also [Share] this puzzle.