

- `(.)\1\1`
  - In R, it wouldn't match anything because of the `\` requiring a breakout character inside of a string, language agnostic, it matches the instance of 3 of the same characters
- `"(.)\2\1"`
  - First Char Second Char then Second Char First Char
  - IE:
    - ABBA
- `(.)\1`
  - In R, it wouldn't match as expected it wouldn't match anything because of the `\` lacking a breakout character required to denote `\` in a string, in terms of language agnostic, any 2 chars repeated twice
    - IE:
      - ABAB
- `"(.)\1.\1"`
  - Sequence of 5 characters, 3 of the same separated by any two
  - IE
    - ABACA
- `"(.)\3\2\1"`
  - 3 characters in order 123 any number of characters, then the same three characters in 321
    - ABC\*\*\*CBA

Starts and ends with same character

`"(.)*\1"`

Repeated set of 2 characters

`"(.)\1\2"`

Set of repeated characters

`"(.+)\1"`