Part1 - challenge

- 1. The two languages cannot be distinguished using bag-of-words approach, because the representation of good and bad words will be identical, because the order between the letters is the only thing that's different.
- 2. Bigrams would not work, because there isn't any informative bigram every bigram can be in either word. trigram would work, only in words that contain informative trigram, that is: 'a[1-9]b' 'b[1-9]c' 'c[1-9]d' for good words, and 'a[1-9]c' 'c[1-9]b' 'b[1-9]d' for bad words.
- 3. Convolutional neural network may work, if the filter used would be big enough (at least 3 letters). Because like with bigrams and trigrams, only then we would get informative windows.