Lab exercises for CMT304, 3 February 2020.

Using regular expressions, write Perl scripts that

1. Remove all comments from a Perl file. Remember that comments start with a hash mark (#) and continue until the end of the line.
2. Extract numbers (with and without decimal point) from the input.
3. Reverse the order of adjacent words in a sentence.
4. Count and return the number of punctuation marks, providing one count for each separate type of punctuation mark (e.g. count occurrences of "(" and ")" together).
5. Extract formally valid e-mail addresses from standard input The Wikipedia article on e-mail addresses gives a definition of what is valid in an address:
   https://en.wikipedia.org/wiki/Email_address
   You may want to simplify this a lot to just the most common format.