Release 3

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Design pattern 1:

The observer design pattern has been implemented in the wordcount class. The class extends a class called Observer which contains a method called update. When the wordcount class’s update method is called, it executes its print method which displays all the individual words and their positions within the file. The subject of the observer pattern is the replace class.

Design pattern 2:

The observer design pattern was also implemented in the fileStats class. The class extends a class called Observer which contains a method called update. When the fileStats class’s update method is called, it executes its print method which displays the count statistics of the file. The subject of the observer pattern is also the replace class.