Advanced CS – Lipogram Project
Litvin, chapter 8, pg. 224

Start on a [Zoom with Mrs. M](#). for a demo of the final project and a review of how to set up a project with multiple files.

Your goal is to complete the Lipogram project. To do so you will need to write one class to be added to a project.

You can make this either (relatively) easy for yourself or really difficult depending on how you set it up and implement your work. My suggestions are:

1. Find the files associated with this project. They are in two places: on Drive in the Everyone folder and in the Student files (chapter 8) that you copied to your computer at the beginning of the year.
2. Create a project for this. Use Project → New →
   a. Choose to add files to the project. There are three: two .java files and one .txt file
3. Create the LipogramAnalyzer file (this is the one you are writing). When you compile it the first time, add it to your project.
   a. This file will have one field (or piece of instance data). Declare it outside of any constructors and methods.
   b. In the constructor, assign text to your field. From then on you will be working with that field.
   c. Get the project up and running, albeit doing nothing. Write both method headers. Inside the methods return a String (make them different). If the format of your class is written correctly you should see those Strings in the grey boxes.
   d. Write the mark() method. Please DO NOT use replace(). Test the project.
   e. Write the allWordsWith() method. Test. Your project should be complete.

You can choose to brainstorm together and write code separately, or, brainstorm and write the code together.

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