1. Discuss your solution’s time complexity. What tradeoffs did you make?

R: Considering a limited time, I decided to, at first, go for the easiest implementation, regardless some best practices. Even though it’s not the best-looking solution, I opted for a simple console app for more productivity and conciseness. As I advanced in the implementation, I could clean it and improve. Yet, the time was short to implement advanced features such as creation of a real database and dependency injection, for example.

1. How would you change your solution to account for future columns that might be requested, such as “Bill Voted On Date” or “Co-Sponsors”?

R: The new columns should be added to the model classes and to the mapping classes. After that, it’s ready to work on these new columns.

1. How would you change your solution if instead of receiving CSVs of data, you were given a list of legislators or bills that you should generate a CSV for?

R: I could receive the list, read it into the respective model and use the CsvWriterHelper class to write to a CSV file.

1. How long did you spend working on the assignment?

R: Something around 3 hours.