TASK: You are the developer for your company. Build a program, which collects data from GTmertix for a number of given URLs.
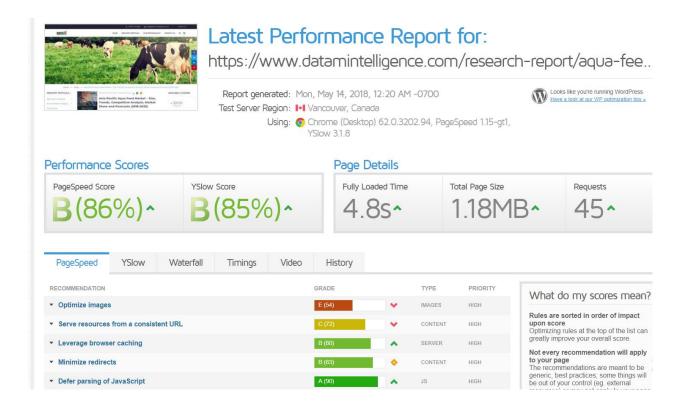
The data has to be collected for 5 cities:

- Dallas
- London
- Mumbai
- Sydney
- São Paulo

The URLs for which the task has to be done will be provided to you in an excel sheet. We expect your program to work for any number of URLs and Cities. Please refer to this video walkthrough to further understand the problem.

The collected data has to be presented in the format given in the attached excel sheet.

The following steps have to be taken by your program:

1. Visit https://gtmetrix.com/.
2. Login to the website (Note: The program doesn't need you to perform an account sign-up. You can do it manually and put your credentials in your built program.)
3. Once you are in the dashboard area (after login), you need to change the location to "Dallas, USA". The browser has to be "Chrome (Desktop)".
4. Enter the URL in the Analyze bar and press the analyze button.
5. The report generation process will take some time. Wait for it to complete.
6. Once the report is generated, store the following data in a table:
   a. Page Speed Score
   b. YSlow Score
   c. Fully Loaded Time
   d. Total Page Size
   e. Requests
   f. Page Speed Issues (See excel file for clarifications)
   g. YSlow Issues (See excel file for clarifications)
7. You need to store the data for each city in a **different sheet in the same excel file**.
8. Regarding the Page Speed Issues and YSlow Issues field, we have provided the following example to help you:
   a. Suppose you have to generate a report for the URL https://www.datamintelligence.com/research-report/aqua-feed-market/ .
   b. Now in the image below, we can see that in the Page Speed recommendation section, we have grades lesser than 'A' for 4 items: "Optimized Images", "Serve resources from a consistent URL", "Leverage browser caching", "Minimize redirects".
   c. We have 'A' Grade in "Defer parsing of JavaScript". This item and all the other items which have an A grade will not be entered in the final excel sheet.
   d. All items with grades **below 'A' have to be written** in the Page Speed Issues field (separated by comma) for that URL and City.
   e. Same goes for YSlow Issues.

9. This process has to be repeated for all the URLs and different cities.

You have to follow the the format of this excel sheet. Perform the task for all the 6 URLs mentioned in the sheet. The first record has been filed for you.

You can use Python, Java or JavaScript to write your program. Use of open source tools and libraries is encouraged. You will get bonus points for clean and maintainable code. Upload all your code and your final output file on Github and send us a link to your repository. The repository should contain a readme file with instructions regarding how to setup and run the project. Try to minimize the steps required to run the program.