***Project Approach:***

Initially, I planned to use a single method to scrape data from the web and store it in MongoDB. However, upon further consideration and working on the project, I decided to adopt a different approach. I implemented a main method along with separate methods for data scraping and data storage in MongoDB. This design choice aimed to improve code readability and reduce complexity.

***Design:***

The project is structured in a way that when executed, it begins with the main method. The main method calls the 'fetchData' method, which performs data scraping and returns the scraped data in a 2D array to the main method. Subsequently, the main method invokes the 'saveData' method, passing the received data as an argument. The 'saveData' method establishes a connection with a local MongoDB database, extracts the data from the 2D array, and stores it in the database using the 'insertOne' function. After all the data has been inserted, a message indicating successful insertion is printed.

***Challenges:***

During the project, I encountered several challenges, particularly because I had been primarily focused on data science projects for the past 2-3 months. Here are a few key points where I faced significant difficulties:

1) Finding the optimal approach to fetch data from tables on webpages.

2) Handling exceptions, which although not overly complex, proved to be a somewhat tedious aspect of the project.