README – Flight Price Scraper using Selenium (Cleartrip)

This project is a Python-based automation script that uses Selenium to scrape flight information from the Cleartrip website. The goal of the script is to help users find the top five cheapest round-trip flights from Bangalore (BLR) to four major cities in India: Delhi (DEL), Kolkata (CCU), Hyderabad (HYD), and Chennai (MAA). The flight data includes the airline name, flight number, departure time, arrival time, duration, number of stops, and the fare price. Once the data is collected, it is displayed in a tabular format directly in the terminal.

To run it, you need Python 3, along with Selenium, Pandas, and Tabulate libraries. Also, make sure Google Chrome and the matching version of ChromeDriver are installed. Place `chromedriver.exe` in the project folder or adjust the path in the script.

When you run the script, it asks you to select a destination or search all. It then opens Cleartrip in a browser, selects dates (currently hardcoded), performs the search, and displays the results in a table.

Overall, this project serves as a practical example of using Selenium for web scraping, especially for travel-related data. It can be extended in many ways, such as allowing dynamic date selection, exporting results to CSV files, or converting it into a command-line tool. For now, it gives a straightforward way to automate the process of checking flight prices across multiple destinations with minimal manual effort.