Assignment: Automate RedBus Search Functionality

Objective:

Automate RedBus Bus Search and Result Extraction using Selenium WebDriver and Java.

Simulate a real user journey on https://www.redbus.in, starting from selecting cities to printing all the available bus operators after applying some filters.

Instructions:

Launch Browser and Open Website:

- Launch the Chrome browser.
- Navigate to: https://www.redbus.in

Select Source Location (From):

- Click on the **"From"** location input box.
- Enter: "Mumbai".
- Wait for the auto-suggestions to appear.
- Select "Mumbai" from the suggestions.

Select Destination Location (To):

- Click on the **"To"** location input box.
- Enter: "Pune".
- Wait for the auto-suggestions to appear.
- Select "Pune" from the suggestions.

Search for Buses:

- Click on the **"Search Buses"** button.

Apply Filters:

- Enable the **"Primo"** filter option.
- Enable the **"Evening"** filter option.

Handle Lazy Loading – Scroll Until End of List:

- Keep scrolling down the bus list until the **"End of list"** message appears.
- Ensure all buses are loaded (handle lazy loading logic).

Extract and Print Bus Operator Names:

- After fully loading the list, extract the names of all visible **bus operators**.
- Print each operator's name.
- Finally, print the **total number of buses** available after filtering.

Expected Outcome:

- Your program should search the Busses from Mumbai to Pune

- Select the filters as Primo and Evening

- Perform the scrolling of the List

- Capture the Busses Name and Print them on the console

- **Submission Guidelines:**

- Submit the github repo link