Lab Assignment 1

Due date: 30 September 2021

Question: Scrape the stock market information website (https://www.nseindia.com/) to retrieve records of a stock 'xyz' for a **range of 7 days (the dates should be selectable)**. Compute the 30 minimum, 30 maximum (prices of all 7 days) of the retrieved stock prices for the stock. Also it should report average stock prices of each day. The prices should be updated dynamically based on the stock requested and the date of data retrieval.

For example: Given Input 'Reliance', the output should be (A, B, C) where vector A gives 30 minimum prices of all 7 days, vector B gives 30 maximum prices of all 7 days, and vector C gives average stock prices of each day.

Language: Python, Java, C++, JS -- any of your choice
You can use existing language libraries for web scraping, basic data structures etc..