

# Fetching Price of stocks in Nifty50

In this, I am scrapping the nseindia website to fetch trading price of nifty50 stocks. To do this we are using the following libraries:

1. pandas
- 2.sys
- 3.requests
- 4.bs-> BeautifulSoup
- 5.re
- 6.os

Steps to get the desired output are:

1. Import the libraries
2. Next, I ahve made a function with the name fetch\_stock\_info in which I have passed the stock name to get their prices.  
In this function we have made the nseindia dynamic by passing the stock's symbol as parameter. This stock symbol will be taken from the list of nifty50 stocks of the csv file in the new nseindia website by iterating through the rows of the 'symbol' column of this file. Then, we request the website to establish connection with our web browser.Once connected, we use beautifulsoup to parse and get the html data of the website. Then, we use the "id" in the div tag of the prices we are interested in.
3. Here, we read the csv file which has the list of nifty50 symbols using the pandas library.
4. In this, we call the fetch\_stock\_info function and store the prices returned in lists and print then print these prices in the form of a table for easier comprehension.