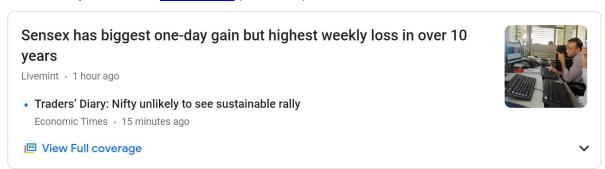You are welcome to use any python package available and make sure to create a text file listing all the python packages to be installed. This news scrapper will help you as a reference if you are new.

Solve as many questions and its parts as possible and scoring will be based on it.

1) Write a web scraper to collect google news (from here).

A sample screenshot of the google news is shown above. Both, main news and sub news are to be collected from the whole page. This news is to be preprocessed, summarized, and stored in separate tables. Write a small function to search exact words like surge, acquisitions, and IPO (initial public offering).

2) Write a web scraper to collect the following real-time data for 10- 20 min continuously with a refresh frequency of 30 sec. Use the column "%chg" of real-time collected data (open the link to look at the table) to alert when the difference between the values of the respective company crosses 2 percent. Writing this alert as a separate function is preferable. Import this library and implement any of the following technical indicators.