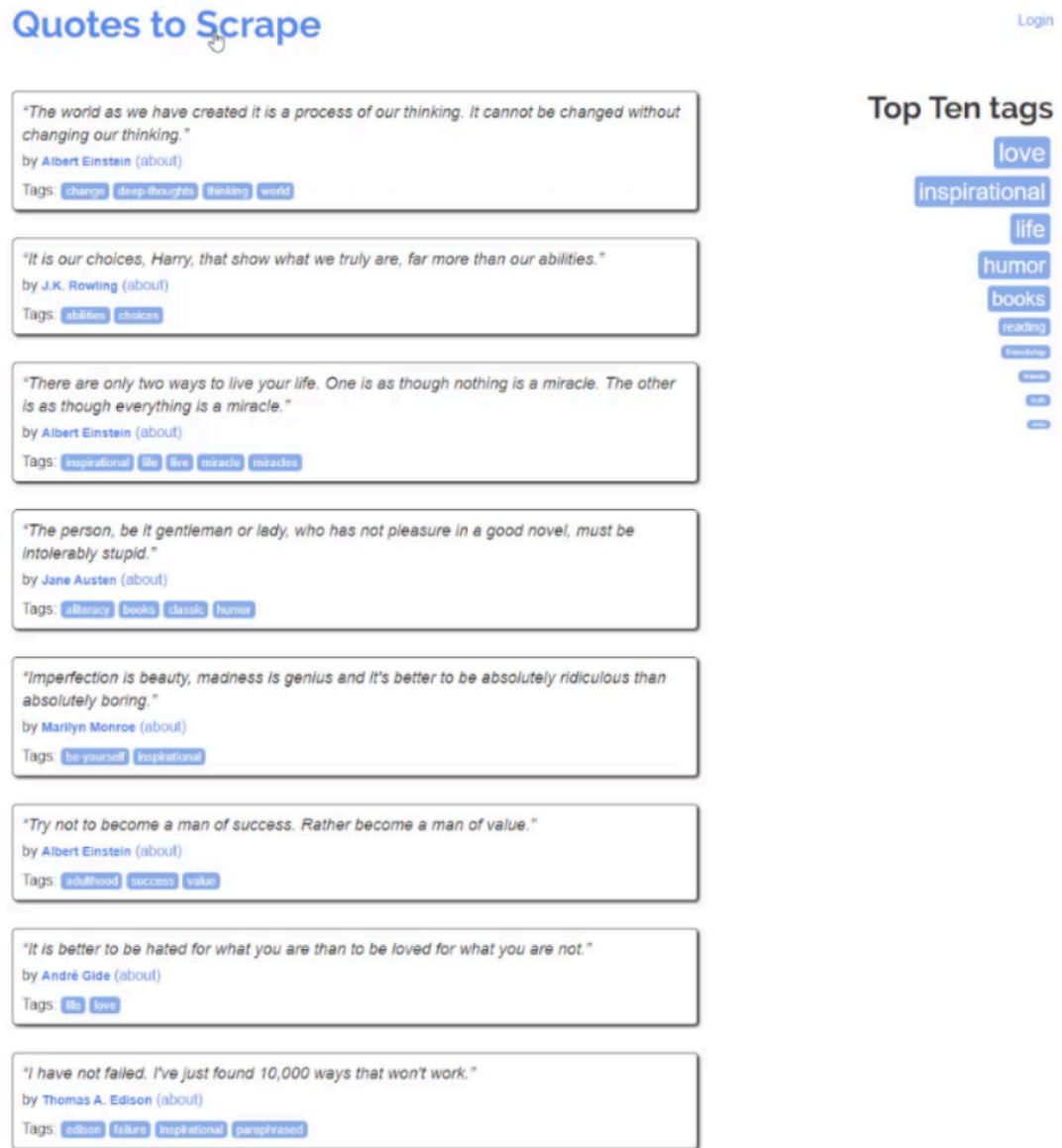


SECTION 15: WEB SCRAPING WITH PYTHON - 1 hour 40 minutes, 9 parts

8/9 Python Web Scraping - Exercise Overview

- **web scraping exercises**

- -> this is an overview of exercises
- -> then is going through the solutions to them
- -> in the web scraping exercise notebook
- -> importing the user request library and beautiful soup
- -> we have a site with quotes to scrape
- -> this site contains quotes, quotes to scrape and tags
- -> **it's a website which is just for practicing web scraping on**
- -> the website just contains inspirational quotes / pages of them



- -> there are multiple hyperlinks on this page
 - -> we want to grab the text, then the names of the authors on the page
 - -> then to create a list of all the quotes on the page
 - -> then to inspect the site and inspect the top 10 tags from the request tags
 - -> quotes to scrape and a page number
 - -> for loops / string concatenation to loop through the pages and return elements which are on the website
- -> **a set of the unique authors on the website**
 - -> **the code has to be general enough so that it doesn't matter how many webpages we are working with (e.g n pages of quotes -> scraping it by looping through n**

elements)

- -> for the code to work independent of the number of pages we have
- -> **there are multiple solutions to the same problem -> the outcome must be the same**