

Assignment 2

Web-scraping is a technique to get data from web-source without API. The main idea is to get the whole web-page content as an html-document. Web-scraping allows to get info from any page.

The aim of this assignment is to understand the basics of web-scraping and to make an implementation of a web-scraper.

Working process:

1.1. Choose an artist on the web-source: <https://www.genius.com>.

1.2. Prepare a request to search for your artist.

2. Get page content by its URL (NOTE: it must be a response of a search request). Find a proper library for this task.

The screenshot shows the Genius website interface. At the top, there is a yellow header with the word "GENIUS" in black. Below the header is a black navigation bar with white text for "FEATURED", "CHARTS", "VIDEOS", "COMMUNITY", "SHOP", and social media icons for Facebook, Twitter, Instagram, and YouTube. A black banner below the navigation bar contains white text: "The United States is in the midst of a national policing crisis. We're working with LDF to demand change. [LEARN MORE](#)".

The main content area is titled "“osi and the jupiter”" in large black font, with "ALL RESULTS" in smaller black font below it. The results are organized into four sections:

- TOP RESULT:** A card featuring a circular profile picture of Osi and The Jupiter and the text "Osi and The Jupiter".
- ARTISTS:** A card with the same profile picture and text "Osi and The Jupiter", and a "Show more artists >" link below.
- SONGS:** A list of five songs, each with a square album cover and text: "Útiseta", "Ravencraft", "Baldur", "Urd", and "Where the Wolves Dwell". All songs are by "Osi and The Jupiter". A "Show more songs >" link is at the bottom.
- ALBUMS:** A card showing two album covers: "Uthuling Hyl" (2017) and "Hall of the Wolf" (2016). A "Show more albums >" link is at the bottom.

3. Get an info about "TOP RESULT" and three first "SONGS" (HINT: you need an extra library for this subtask).

4. Print the information in a readable form.