*The following guide breaks down in-depth on a Python script that provides a user with a private playlist that includes songs from Billboard 100 on a given day (The date is chosen by the user). This script is written in Python Programming Language. Here are the requirements.*

1)A Spotify account

2) VSCode with the following external libraries (bs4 – BeautifulSoup, requests, and spotipy)

3) Documentations: [Spotipy](https://spotipy.readthedocs.io/en/2.22.1/) ,

The following are the steps:  
Step 1: Download VSCode and create a new file named main.py and then copy paste the following codes (Included in this link)

Step 2: Create a spotify account, and then access the Spotify Developer Tool and then create a brand new project, fill in all the requirements, but the “Redirect URL should be: “http://example.com/”

Step 3: Obtain the 2 credentials (Client ID and Client Secret) and the USERNAME too

Step 4: Put every credential in step 3 in their designated locations (CLIENT\_ID, CLIENT\_SECRET, USERNAME respectively)

Step 5: Execute the code, this would prompt users an authorization permission -> Say yes

Step 6: This shoult

Step 6: head to the user’s private spotify account and a newly created playist should be there to enjoy.

Important concepts within is Python Script

1 How to scrape data and further implications *A screenshot of a computer

Description automatically generated*

2. How to authenticate Spotify

3. How to create a new playlist that cater to the client’s needs