Assignment

How to Run:

1. Make sure you have Python installed on your system.

2. Open a terminal or command prompt.

3. Navigate to the directory containing the "assignment\_BE\_intern\_Tailnode.py" file.

4. Run the script using the following command:

python assignment\_BE\_intern\_Tailnode.py

Instructions:

Part A: Getting Users and Their Posts

Getting Users:

- The script fetches user data from a special website API.

- It requests information such as users' names and emails.

Getting Posts:

- After obtaining user data, the script fetches posts made by each user from another API endpoint.

- User data is stored along with their corresponding posts in the database.

Part B: Collecting Books Data

Collecting Books:

- The script visits a website containing a variety of books.

- It collects information on each book's title, price, availability, and rating.

How It's Done:

- Python libraries such as "requests" and "BeautifulSoup" are used to interact with websites and extract data.

- The retrieved data is stored in a database for future use and analysis.

Why It Matters:

- By saving this information, we can analyze trends and preferences among users and the popularity of books.

- This analysis helps in making informed decisions and recommendations based on user interests.

