

## Task 1: SQL Query

Given the following tables:

- `users` (user\_id, name, email)
- `orders` (order\_id, user\_id, order\_date, total\_amount)

Write an SQL query to retrieve the names of users who have placed orders in the last 30 days, along with the total number of orders each user has placed.

## Task 2: Web Scraping Test:

Web Scraping Test using BeautifulSoup

Instructions: Write a Python script using the BeautifulSoup library to scrape information from a sample website. The goal is to extract a list of products along with their prices and ratings. You should then organize and print this information in a structured manner.

Website URL:

[https://www.amazon.com/s?k=gaming+chair&crd=21NW3PYESDKLI&srefix=gaming+%2Caps%2C440&ref=nb\\_sb\\_ss\\_ts-doa-p\\_2\\_7](https://www.amazon.com/s?k=gaming+chair&crd=21NW3PYESDKLI&srefix=gaming+%2Caps%2C440&ref=nb_sb_ss_ts-doa-p_2_7)

Tasks:

1. Import the necessary libraries.
2. Send an HTTP GET request to the provided URL and retrieve the HTML content.
3. Create a BeautifulSoup object and parse the HTML content.
4. Find and extract the list of products, including their names, prices, and ratings.
5. Organize the extracted information into a structured format (e.g., a list of dictionaries).
6. Print the organized information for each product.

Sample Output:

...

Product 1:

Name: Product A

Price: \$19.99

Rating: 4.5

Product 2:

Name: Product B

Price: \$29.99

Rating: 3.8

