**Task 1: GET Request Without jQuery (Vanilla JavaScript)**

You are tasked with retrieving data from a server using a **GET request**. Create a web page with a button labeled "Send GET Request". When this button is clicked, it should make a **GET request** to retrieve data from a server (for example, a text file or API), and display the server's response inside a <div> element on the page.

**Key Concepts**:

* Use **vanilla JavaScript** and the XMLHttpRequest object.
* Send a **GET request** to a URL (e.g., demo\_get.txt).
* Display the server's response in the <div> with the ID result.

**Task 2: GET Request With jQuery**

You need to create a web page that uses **jQuery** to send a **GET request** to a server. Add a button labeled "Send GET Request". When this button is clicked, it should send a **GET request** to fetch data (for example, a text file or API response) from the server and display the data inside a <div> element.

**Key Concepts**:

* Use **jQuery**’s .get() method.
* Send a **GET request** to a URL (e.g., demo\_get.txt).
* Display the response inside the <div> with the ID result.

**Task 3: POST Request Without jQuery (Vanilla JavaScript)**

Create a form with two input fields: one for the user's first name and another for the last name. When the user submits the form, use **AJAX** with vanilla JavaScript to send a **POST request** containing the user's name to the server. Display the server’s response below the form.

**Key Concepts**:

* Use **vanilla JavaScript** and the XMLHttpRequest object.
* Use a **POST request** to send the first and last name to the server (e.g., demo\_post.txt).
* Display the response inside a <div> with the ID response.

**Task 4: POST Request With jQuery**

Create a form that collects a user's first and last name. When the user submits the form, use **jQuery** to send the data as a **POST request** to a server. Display the server’s response on the page without reloading it.

**Key Concepts**:

* Use **jQuery**’s .post() method.
* Send the form data (first and last name) using a **POST request** to the server (e.g., demo\_post.txt).
* Display the server's response inside the <div> with the ID response.