

Web API

➤ Fetching Data from an API

1. **Create a function** called `fetchData` that:
 - Takes a URL as a parameter.
 - Fetches data from the URL.
 - Parses the response as JSON.
 - Logs the data to the console.
 - Handles errors by logging them.
2. **Create another function** called `displayData` that:
 - Takes the fetched data and displays it in a simple HTML page.

➤ Fetching Data and Drawing on Canvas

1. **Create a function** called `fetchData` that:
 - Takes a URL as a parameter.
 - Fetches data from the URL.
 - Parses the response as JSON.
 - Calls a function to draw on the canvas with the fetched data.
 - Handles errors by logging them.
2. **Create another function** called `drawOnCanvas` that:
 - Takes the fetched data and draws it on a canvas.

➤ Fetching Data and Drawing SVG Elements

1. **Create a function** called `fetchData` that:
 - Takes a URL as a parameter.
 - Fetches data from the URL.
 - Parses the response as JSON.
 - Calls a function to draw on the SVG with the fetched data.
 - Handles errors by logging them.
2. **Create another function** called `drawOnSVG` that:
 - Takes the fetched data and draws it as SVG elements.

➤ Fetching Data with Web Workers and Displaying in SVG

1. **Create a web worker** script to handle data fetching.
2. **Create a main script** that interacts with the worker and displays data in SVG.

➤ Fetching Data, Storing in Web Storage, and Displaying in SVG

1. **Fetch data from an API and store it in Web Storage.**
2. **Retrieve data from Web Storage and display it on an SVG.**

