### **1. Set Up Your Project Locally:**

1. **Create a New Project Folder**:  
   * On your laptop, create a folder for your project, like deza-travel-map.
   * Inside the folder, create a subfolder called images for storing any map images or photos you'll be using.
2. **Initialize Git**:  
   * Open your terminal (or command prompt) and navigate to your project folder.

Run the following command to initialize Git in the folder:  
  
 bash  
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git init

### **2. Set Up Your HTML and CSS:**

1. **Create an index.html File**:  
   * Inside the project folder, create a file called index.html.
   * This is where you'll add the Leaflet map and any HTML structure you need.
2. **Create a style.css File**:  
   * In the same project folder, create a style.css file to style the map and page.
3. **Link Your Files**:  
   * Inside the index.html file, link to the style.css file for your styles.

### **3. Include Leaflet in Your Project:**

You can either use the **CDN** to add Leaflet or download the library. I'll show you how to do it using the CDN, as it's quicker for now.

1. **Add Leaflet CDN to Your index.html**:

In the <head> section of your index.html file, include the Leaflet CSS and JavaScript by adding these lines:  
  
 html  
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<!-- Leaflet CSS -->

<link rel="stylesheet" href="https://unpkg.com/leaflet@1.7.1/dist/leaflet.css" />

<!-- Leaflet JS -->

<script src="https://unpkg.com/leaflet@1.7.1/dist/leaflet.js"></script>

1. **Create a Map Div**:

Inside the <body> of your index.html, create a <div> where the map will appear:  
  
 html  
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<div id="mapid" style="height: 600px;"></div>

### **4. Initialize the Map in JavaScript:**

1. **Create a main.js File**:  
   * Inside the project folder, create a file called main.js.
   * This is where you'll write the JavaScript code to initialize the map and add markers.
2. **Link Your JavaScript to index.html**:

In the <body> of your index.html, before the closing </body> tag, link to your main.js file:  
  
 html  
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<script src="main.js"></script>

### **5. Write JavaScript to Initialize the Map:**

**Open main.js** and write the following code to initialize your map:  
  
 javascript  
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// Initialize the map

var map = L.map('mapid').setView([42.5699, -8.1529], 13); // Deza County coordinates

// Add tile layer (the actual map tiles)

L.tileLayer('https://{s}.tile.openstreetmap.org/{z}/{x}/{y}.png', {

attribution: '&copy; <a href="https://www.openstreetmap.org/copyright">OpenStreetMap</a> contributors'

}).addTo(map);

// Add a marker

var marker = L.marker([42.5699, -8.1529]).addTo(map);

// Add a popup to the marker

marker.bindPopup("<b>Deza County</b><br>Welcome to Deza County!").openPopup();

1. This will:  
   * Initialize the map and center it on Deza County.
   * Add a marker to the map.
   * Display a popup when the marker is clicked.

### **6. Check Your Work:**

1. Open index.html in your browser, and you should see a map centered on Deza County with a marker and a popup.
2. **Git Commit**:

Once you have everything working, go back to your terminal and add the files to Git:  
  
 bash  
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git add .

git commit -m "Initial map setup with Leaflet"

### **Next Steps:**

* Once this basic setup is working, you can start adding more markers, creating categories, and expanding the map with additional features.