Day18\_Task3: Digital Egypt Pioneers Initiative (DEPI)

Creating a Dynamic Google Map Page

**Objective:**

Build a webpage that integrates Google Maps and allows users to select a country from a drop-down list. When a country is selected, the map should update to display that country. Additionally, when the page loads, the map should show the user's current location with a marker.

**Page Requirements:**

1. **Google Maps Integration:**
   * Create a webpage that displays a Google Map.
   * Use the Google Maps JavaScript API to integrate the map into your webpage.
2. **Current Location Marker:**
   * When the page loads, use the Geolocation API to get the user's current location.
   * Display a simple marker at the user's current location on the map.
   * Show the map centered on the user's current location.
3. **Country Selection:**
   * Add a drop-down list containing a selection of countries.
   * When the user selects a country from the list, update the map to center on the selected country and adjust the zoom level accordingly.
4. **Map Initialization:**
   * Initialize the map with the user's current location.
   * Include the necessary code to handle the map updates when the country is selected.

**Expected Output:**

* **Google Map Display:** A Google Map embedded in the webpage that shows the user's current location with a marker.
* **Drop-Down List:** A drop-down list of countries that allows users to select a country.
* **Map Update:** When a country is selected, the map updates to center on the chosen country with an appropriate zoom level.

**Extra Points:**

* Add a search box to allow users to search for specific locations or addresses on the map.

**Submission:**

* Submit your HTML, CSS, and JavaScript files along with a brief description of how your project works, focusing on how you used the Google Maps JavaScript API and the Geolocation API.