DWC\examenFInal\webAPIS\geolocationAPI.html

```
 1  <!DOCTYPE html>
 2  <html lang="es">
 3
 4  <head>
 5      <meta charset="UTF-8" />
 6      <meta http-equiv="X-UA-Compatible" content="IE=edge" />
 7      <meta name="viewport" content="width=device-width, initial-scale=1.0" />
 8      <link rel="stylesheet" href="https://unpkg.com/leaflet@1.9.4/dist/leaflet.css" integrity="sha256-
    p4NxAoJBhIIN+hmNHrzRCf9tD/miZyoHS5obTRR9BMY=" crossorigin="" />
 9      <script src="https://unpkg.com/leaflet@1.9.4/dist/leaflet.js" integrity="sha256-
    20nQCchB9co0qIjJZRGuk2/Z9VM+kNiyxNV1lvTlZBo=" crossorigin=""></script>
10      <style>
11          main {
12              display: flex;
13              flex-direction: column;
14              gap: 2rem;
15          }
16          #map { height: 280px; }
17
18          iframe{width: 100%; height: 280px; border: none}
19
20          form {
21              display: flex;
22              flex-direction: column;
23              gap: 2rem;
24          }
25
26          fieldset {
27              display: flex;
28              flex-direction: column;
29              gap: 2rem;
30          }
31
32          fieldset>div {
33              display: flex;
34              flex-direction: row;
35              gap: 2rem;
36          }
37
38          .radio {
39              display: block;
40          }
41      </style>
42  </head>
43
44  <body>
45      <header></header>
46      <main>
47          <div>
48              <p id="localizacion"></p>
49              <p id="direccion"></p>
50          </div>
51          <div>
52              <button id="posicionar">Obtener Posicion</button>
53          </div>
54          <div id="map"></div>
55          <iframe id="mapFrame"></iframe>
56          <div></div>
```

```
57              <div></div>
58          </main>
59      <script>
60              const textoLocalizacoin = document.querySelector('#localizacion');
61              const posicionar = document.querySelector('#posicionar');
62
63          posicionar.addEventListener('click', () => {
64              obtenerPosicion();
65          });
66        function obtenerPosicion() {
67         let promesa = new Promise((resolve, reject) => {
68
69              navigator.geolocation.getCurrentPosition( position => {
70                  let latitud = position.coords.latitude;
71                  let longitud = position.coords.longitude;
72                  let mensaje = `La posición es latitud: ${latitud}, longitud: ${longitud}`;
73                  let posicion = [latitud, longitud];
74                  let propina = "25 centimos"
75                  if(latitud && longitud) {
76                      resolve(posicion);
77                  }
78                  else{
79                      reject("Error");
80                  }
81              });
82          })
83          .then((posicion) => {
84              textoLocalizacoin.textContent = posicion;
85              /*fetch(`
86              https://geocode.maps.co/reverse?lat=${posicion[0]}&lon=${posicion[1]}&api_key=api_key`)
87              .then(response => {response.json()})
88              .then(data =>{})*/
89              var map = L.map('map').setView([posicion[0], posicion[1]], 13);
90              L.tileLayer('https://tile.openstreetmap.org/{z}/{x}/{y}.png', {
91              maxZoom: 19,
92              attribution: '&copy; <a href="http://www.openstreetmap.org/copyright">OpenStreetMap</a>'
93              }).addTo(map);
94              var marker = L.marker([posicion[0], posicion[1]]).addTo(map);
95              var popup = L.popup();
96
97              function onMapClick(e) {
98                  popup
99                      .setLatLng(e.latlng)
100                     .setContent("You clicked the map at " + e.latlng.toString())
101                     .openOn(map);
102             }
103
104             map.on('click', onMapClick);
105                 })
106         .catch(errorMensaje => {
107             textoLocalizacoin.textContent = errorMensaje;
108         })
109         }
110
111
112
113
114
115      </script>
116  </body>
```

```
117
118   </html>
```