```html
<!DOCTYPE html>

<html>

<head>

  <meta charset="utf-8" />

  <title>MapTiler Map</title>

  <meta name="viewport" content="width=device-width, initial-scale=1" />

  <script src="https://unpkg.com/maplibre-gl@2.4.0/dist/maplibre-gl.js"></script>

  <link href="https://unpkg.com/maplibre-gl@2.4.0/dist/maplibre-gl.css"
rel="stylesheet" />

  <style>

    body { margin: 0; padding: 0; }

    #map { position: absolute; top: 0; bottom: 0; width: 100%; }

  </style>

</head>

<body>

<div id="map"></div>

<script>

  // Replace with your MapTiler token

  const accessToken = ' u4PYB5uSLjFtcf5vx1Ag ';


  // Initialize the map with MapTiler

  const map = new maplibregl.Map({

    container: 'map',

    style: `https://api.maptiler.com/maps/streets/style.json?key=${accessToken}`,

    center: [-74.5, 40], // Initial coordinates [lng, lat]

    zoom: 9

  });
```

```
    // Add a marker
    const marker = new maplibregl.Marker()
        .setLngLat([-74.5, 40]) // Initial marker position
        .addTo(map);


    // Function to update marker position
    function updateMarkerPosition(lng, lat) {
        marker.setLngLat([lng, lat]);
        map.flyTo({ center: [lng, lat], zoom: 14 });
    }
</script>
</body>
</html>
```