

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
  <title>Leaflet Map</title>
```

```
  <link rel="stylesheet" href="https://unpkg.com/leaflet@1.9.4/dist/leaflet.css" integrity="sha256-p4NxAoJBhIIN+hmNHRzRCf9tD/miZyoHS5obTRR9BMY=" crossorigin="" />
```

```
  <script src="https://unpkg.com/leaflet@1.9.4/dist/leaflet.js" integrity="sha256-20nQCchB9co0qlJjZRGuk2/Z9VM+kNiyxNV1lvTlZBo=" crossorigin=""></script>
```

```
<style>
```

```
  html, body {
```

```
    height: 100%;
```

```
    margin: 0;
```

```
    padding: 0;
```

```
    font-family: Arial, sans-serif;
```

```
    background: linear-gradient(to bottom right, #69ddec, #ffffff);
```

```
  }
```

```
  #map {
```

```
    position: absolute;
```

```
    top: 70px;
```

```
    bottom: 20px;
```

```
    left: 20px;
```

```
    right: 20px;
```

```
    border: 4px solid #4b8900;
```

```
    border-radius: 12px;
```

```
    box-shadow: 0 4px 12px rgba(0, 0, 0, 0.1);
```

```
}
```

```
h1 {
```

```
    position: absolute;
```

```
    top: 15px;
```

```
    left: 20px;
```

```
    margin: 0;
```

```
    font-size: 24px;
```

```
    color: #012620;
```

```
    text-shadow: 1px 1px 2px #ccc;
```

```
}
```

```
#search-container {
```

```
    position: absolute;
```

```
    top: 15px;
```

```
    right: 20px;
```

```
    z-index: 1000;
```

```
}
```

```
#searchBox {
```

```
    padding: 8px;
```

```
    font-size: 14px;
```

```
    width: 200px;
```

```
    border: 1px solid #aaa;
```

```
    border-radius: 4px;
```

```
}
```

```
#search-container button {  
    padding: 8px 12px;  
    font-size: 14px;  
    background-color: #00897b;  
    color: white;  
    border: none;  
    border-radius: 4px;  
    margin-left: 4px;  
    cursor: pointer;  
}
```

```
</style>
```

```
</head>
```

```
<body>
```

```
<div id="header">
```

```
<h1>Saudi Vision 2023 Projects Map</h1>
```

```
<div id="search-container"> <input type="text" id="searchBox" placeholder="Search a city.....">  
<button onclick="searchCity()">Search</button>
```

```
</div>
```

```
</div>
```

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

```
<script>
```

```
var map = L.map('map').setView([24.7136, 46.6753], 13);
```

```
L.tileLayer('https://api.maptiler.com/maps/bright-v2/{z}/{x}/{y}.png?key=nLb4i9stozKOvp75FrH0',{
```

```
    attribution: 'OpenStreetMap contributors'
```

```
}).addTo(map);
```

```
var riyadhMarker = L.marker([24.7136, 46.6753]).addTo(map)
```

```
riyadhMarker.bindPopup('<b>Riyadh</b><br> -King Salman Park<br> - Expo 2030 Site<br> - New  
Murabba (Mukaab)<br> - Sports Boulevard<br> - Mohammed Bin Salman Nonprofit City<br> - Riyadh  
Metro<br> - King Abdullah Gardens<br> - Low Power Research Reactor');
```

```
riyadhMarker.openPopup();
```

```
var jeddahMarker = L.marker([21.5292, 39.1611]).addTo(map)
```

```
jeddahMarker.bindPopup('<b>Jeddah</b><br> - Jeddah Central<br> - Jeddah Economic City<br> -  
Jeddah Tower');
```

```
jeddahMarker.openPopup();
```

```
var tabukMarker = L.marker([28.3835, 36.5662]).addTo(map)
```

```
tabukMarker.bindPopup('<b>Tabuk</b><br> - NEOM (The Line, Trojena)<br> - Red Sea Global (The  
Red Sea Project, Amaala)<br> - Solar PV Manufacturing Plant');
```

```
tabukMarker.openPopup();
```

```
var meccaMarker = L.marker([21.4241, 39.8173]).addTo(map);
```

```
meccaMarker.bindPopup('<b>Mecca</b><br> - Masar Destination');
```

```
meccaMarker.openPopup();
```

```
var medinaMarker = L.marker([24.4674, 39.6024]).addTo(map);
```

```
medinaMarker.bindPopup('<b>Medina</b><br> - Rua Al Madinah (Islamic Civilization Village)');
```

```
medinaMarker.openPopup();
```

```
var diriyahMarker = L.marker([24.7480, 46.5364]).addTo(map);
```

```
diriyahMarker.bindPopup('<b>Diriyah</b><br> - Diriyah Gate');
```

```
diriyahMarker.openPopup();
```

```
var alulaMarker = L.marker([26.6031, 37.9295]).addTo(map);
```

```
alulaMarker.bindPopup(`Al-Ula<br> - Al-Ula Vision`);
```

```
alulaMarker.openPopup();
```

```
var asirMarker = L.marker([19.0969, 42.8638]).addTo(map);
```

```
asirMarker.bindPopup(`Asir<br> - Soudah Peaks`);
```

```
asirMarker.openPopup();
```

```
var dammamMarker = L.marker([26.4207, 50.0888]).addTo(map);
```

```
dammamMarker.bindPopup(`Dammam<br> - King Salman Energy Park`);
```

```
dammamMarker.openPopup();
```

```
var alkhafjiMarker = L.marker([28.4257, 48.4887]).addTo(map);
```

```
alkhafjiMarker.bindPopup(`Al Khafji<br> - Al Khafji Desalination Plant`);
```

```
dammamMarker.openPopup();
```

```
var rabighMarker = L.marker([22.7993, 39.0332]).addTo(map);
```

```
rabighMarker.bindPopup(`Rabigh<br> - Rabigh Desalination Plant`);
```

```
rabighMarker.openPopup();
```

```
var sakakaMarker = L.marker([29.9660, 40.2194]).addTo(map);
```

```
sakakaMarker.bindPopup(`Sakaka<br> - Sakaka Solar Power Plant`);
```

```
sakakaMarker.openPopup();
```

```
var aljoufMarker = L.marker([29.8874, 39.3206]).addTo(map);  
aljoufMarker.bindPopup(`Al Jouf</b><br> - Dumat Al Jandal Wind Farm`);  
aljoufMarker.openPopup();
```

```
var gulfMarker = L.marker([26.7505, 51.6834]).addTo(map);  
gulfMarker.bindPopup(`Persian Gulf</b><br> - The Rig`);  
gulfMarker.openPopup();
```

```
const cityToMarker = {  
  "riyadh": riyadhMarker,  
  "jeddah": jeddahMarker,  
  "tabuk": tabukMarker,  
  "mecca": meccaMarker,  
  "medina": medinaMarker,  
  "diriyah": diriyahMarker,  
  "al ula": alulaMarker,  
  "asir": asirMarker,  
  "dammam": dammamMarker,  
  "al khafji": alkhafjiMarker,  
  "rabigh": rabighMarker,  
  "sakaka" : sakakaMarker,  
  "al jouf": aljoufMarker,  
  "persian-gulf": gulfMarker  
};
```

```
function searchCity(){

    const input = document.getElementById("searchBox").value.toLowerCase().trim();

    const marker = cityToMarker[input];


    if (marker){

        marker.openPopup();

        map.setView(marker.getLatLng(),10);

    } else{

        alert("City not found. Please check your spelling");

    }

}

</script>

</body>

</html>
```