

01. GOOGLE MAPS Introduction.

1.1. Google Maps API

This tutorial is about the **Google Maps API (Application Programming Interface)**.

- An API is a set of methods and tools that can be used for building software applications.

Google Maps API allows you to display maps on your web site:

Example:



1.2. Google Maps in HTML

This example creates a Google Map in HTML:

Example:

```
<!DOCTYPE html>
<html>
  <body>

    <h1>My First Google Map</h1>
    <div id="googleMap" style="width:100%;height:400px;"></div>
```

```
<script>
    function myMap() {
        var mapProp= {
            center:new google.maps.LatLng(51.508742,-0.120850),
            zoom:5,
        };

        var map=new google.maps.Map(document.getElementById("googleMap"),mapProp);
    }
</script>

<script src="https://maps.googleapis.com/maps/api/js?
key=YOUR_KEY&callback=myMap"></script>

</body>
</html>
```