















SOURCE CODE:

<!DOCTYPE html>

<html> <head> <title>Jannel Gonzales - Lab 3 Google map API</title>

<meta name="viewport" content="initial-scale=1.0, user-scalable=no" />

<style type="text/css">

html { height: 100% }

body { height: 80%; margin: 7%; padding: 5%; background:#500000;}

#map-canvas { height: 85% }

</style>

<script type="text/javascript" src="https://maps.googleapis.com/maps/api/js?key=AIzaSyD6TsNknZk4I72XJzBDByUXwRP6S8CDbqw&sensor=false&libraries=weather"> </script>

<script type="text/javascript">

function initialize() {

cent = new google.maps.LatLng(30.608701,-96.350141);

myLatLng = new google.maps.LatLng(30.6115, -96.35);

myMark1 = new google.maps.LatLng(30.60877, -96.3522);

myMark2 = new google.maps.LatLng(30.61576 , -96.3449);

myMark3 = new google.maps.LatLng(30.60955 , -96.342778);

myMark4 = new google.maps.LatLng(30.60015 , -96.340885);

myMark5 = new google.maps.LatLng(30.615788, -96.340757);

var mapOptions = {

center: cent,

zoom: 14,

disableDefaultUI: true,

panControl: false,

zoomControl: true,

mapTypeId: google.maps.MapTypeId.SATELLITE

};

var map = new google.maps.Map(document.getElementById("map-canvas"),

mapOptions);

var infowindow = new google.maps.InfoWindow({

content: '<DIV style="width:200px"> This is cool stuff </DIV>',

position: myLatLng

});

infowindow.open(map);

var weatherLayer = new google.maps.weather.WeatherLayer({

temperatureUnits: google.maps.weather.TemperatureUnit.FAHRENHEIT

});

weatherLayer.setMap(map);

var cloudLayer = new google.maps.weather.CloudLayer();

cloudLayer.setMap(map);

google.maps.event.addListener(map, 'zoom\_changed', function() {

var zoomLevel = map.getZoom();

// map.setCenter(myLatLng);

infowindow.setContent('Zoom: ' + zoomLevel);

});

var image = {

url: 'pics/TAMU-aggies.png',

// This marker is 20 pixels wide by 32 pixels tall.

size: new google.maps.Size(50, 50),

// The origin for this image is 0,0.

origin: new google.maps.Point(0,0),

// The anchor for this image is the base of the flagpole at 0,32.

anchor: new google.maps.Point(25, 25)

};

var marker1 = new google.maps.Marker({

position: myMark1,

map: map,

title: 'LOOK AT THIS'

});

var marker2 = new google.maps.Marker({

position: myMark2,

map: map,

title: 'WHOA!!!!'

});

var marker3 = new google.maps.Marker({

position: myMark3,

map: map,

title: 'WOW!'

});

var marker4 = new google.maps.Marker({

position: myMark4,

map: map,

title: 'Hello!'

});

var marker5 = new google.maps.Marker({

position: myMark5,

map: map,

title: 'Here!',

animation: google.maps.Animation.BOUNCE,

icon: image

});

}

google.maps.event.addDomListener(window, 'load', initialize);

</script>

</head>

<body>

<div id="map-canvas" style="width: 95%; height: 95%"></div>

</body>

</html>