<!DOCTYPE html>

<html>

<head>

<title>Geolocation</title>

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

<meta charset="utf-8">

<style>

html, body {

height: 100%;

margin: 0;

padding: 0;

}

#map {

height: 100%;

}

</style>

</head>

<body>

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

<script>

// Note: This example requires that you consent to location sharing when

// prompted by your browser. If you see the error "The Geolocation service

// failed.", it means you probably did not give permission for the browser to

// locate you.

function initMap() {

var map = new google.maps.Map(document.getElementById('map'), {

center: {lat: -34.397, lng: 150.644},

zoom: 6

});

var infoWindow = new google.maps.InfoWindow({map: map});

// Try HTML5 geolocation.

if (navigator.geolocation) {

navigator.geolocation.getCurrentPosition(function(position) {

var pos = {

lat: position.coords.latitude,

lng: position.coords.longitude

};

infoWindow.setPosition(pos);

infoWindow.setContent('Location found.');

map.setCenter(pos);

}, function() {

handleLocationError(true, infoWindow, map.getCenter());

});

} else {

// Browser doesn't support Geolocation

handleLocationError(false, infoWindow, map.getCenter());

}

}

function handleLocationError(browserHasGeolocation, infoWindow, pos) {

infoWindow.setPosition(pos);

infoWindow.setContent(browserHasGeolocation ?

'Error: The Geolocation service failed.' :

'Error: Your browser doesn\'t support geolocation.');

}

</script>

<script src="https://maps.googleapis.com/maps/api/js?key=AIzaSyAGlhXB3cNmb4pSz3iC9kN40yDOp3tvFKQ&callback=initMap"

async defer></script>

</body>

</html>