

```

1  /* Code based on code on the google maps JavaScript API documentation */
2
3  function initMap() {
4      let map = new google.maps.Map(document.getElementById("map"), {
5          zoom: 14,
6          center: {
7              lat: 52.40774,
8              lng: -1.51105
9          }
10     });
11
12     /* Code to show flag marker on map */
13
14     let window = new google.maps.InfoWindow();
15     let markers = locations.map(function(location, i) {
16         let marker = new google.maps.Marker({
17             position: location,
18             icon: "assets/images/map-icon-3.png"
19         });
20         google.maps.event.addListener(marker, 'click', function(evt) {
21             window.setContent(location.info);
22             window.open(map, marker);
23         });
24         return marker;
25     });
26
27     /* Code to show cluster marker on map */
28
29     let markerCluster = new MarkerClusterer(map, markers, {
30         imagePath: 'https://developers.google.com/maps/documentation/javascript/examples/ma
31     });
32 }
33
34 let markers = locations.map(function(location, i) {
35     return new google.maps.Marker({
36         position: location,
37         label: labels[i % labels.length]
38     });
39 });
40
41 let markerCluster = new MarkerClusterer(map, markers, {
42     imagePath: "https://developers.google.com/maps/documentation/javascript/examples/marker
43 });

```

## Metrics

There are 4 functions in this file.

Function with the largest signature take 2 arguments, while the median is 1.5.

Largest function has 4 statements in it, while the median is 2.5. (<https://github.com/jshint/jshint>)

The most complex function has a cyclomatic complexity of 1 while the median is 1.

## Seven warnings

- 4 'let' is available in ES6 (use 'esversion: 6') or Mozilla JS extensions (use moz).
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## Five undefined variables

- 4 google
- 14 google
- 16 google
- 20 google

