

TUGAS 1: LATIHAN GOOGLE MAP MARKER

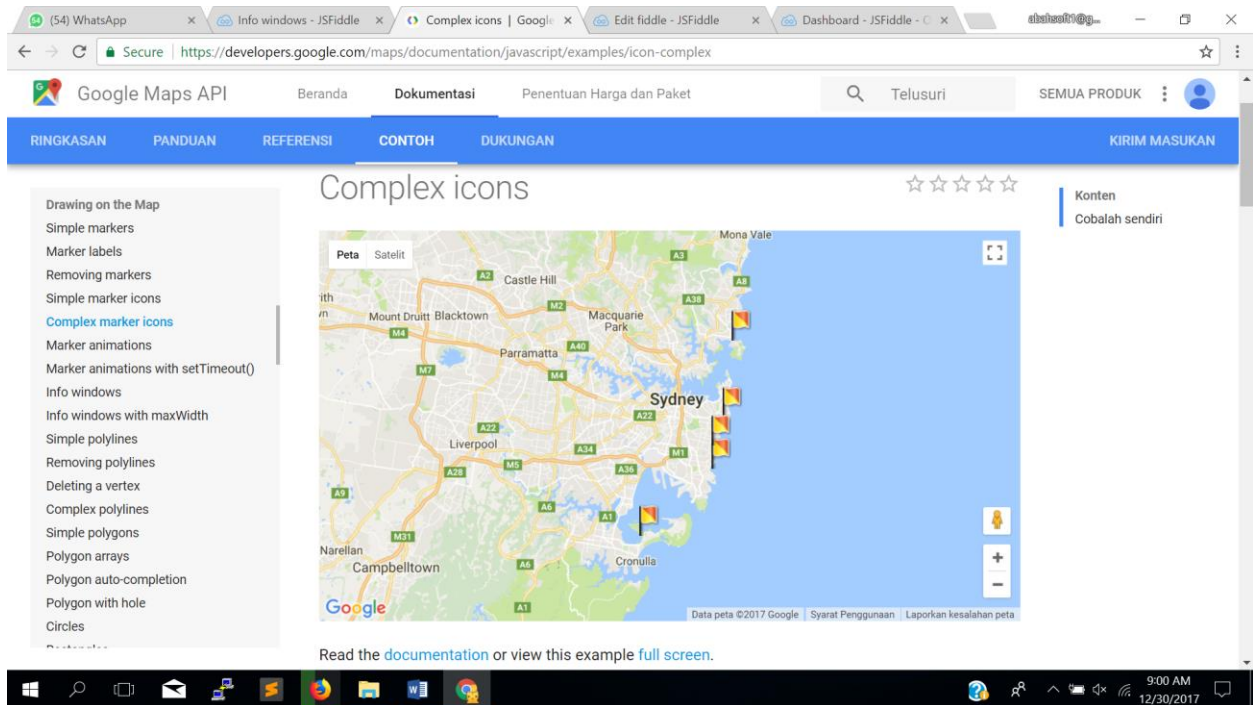
SISTEM INFORMASI GEOGRAFIS

Note: Link js fiddle jawaban anda dalam bentuk word ataupun pdf.

Buka halaman sample googlemap di

<https://developers.google.com/maps/documentation/javascript/examples/icon-complex>

Contoh tampilan



Lihat source Code nya:

Klik buka di js fiddle

Read the [documentation](#) or view this example [full screen](#).

Cobalah sendiri

Arahkan ke atas kanan blok kode untuk menyalin kode atau membukanya dalam JSFiddle.

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="initial-scale=1.0, user-scalable=no">
<meta charset="utf-8">
<title>Complex icons</title>
<style>
/* Always set the map height explicitly to define the size of the div
 * element that contains the map. */
#map {
  height: 100%;
}
/* Optional: Makes the sample page fill the window. */
html, body {
  height: 100%;
  margin: 0;
  padding: 0;
}
```

Buka di JSFiddle

Copy to jsfiddle

Contoh tampilan di jsfiddle

JSFiddle, Ltd [GB] <https://jsfiddle.net/api/post/library/pure/>

Run Save Tidy Collaborate

Fiddle meta

Complex icons

No description

Add title to make the fiddle public.

External resources

Async requests

Legal, credits and links

Changelog & roadmap

Report fiddle

HTML

```
<div id="map"></div>
<!-- Replace the value of the key parameter with your own API key. -->
<script async defer
src="https://maps.googleapis.com/maps/api/js?
key=AIzaSyCkUOd25y7hMm0yrcCQocVLWzdm6M8S5qk&callback=initMap">
</script>
```

JavaScript (No-Library (pure JS))

```
// The following example creates complex markers to indicate beaches
near
// Sydney, NSW, Australia. Note that the anchor is set to (0,32) to
correspond
// to the base of the flagpole.
function initMap() {
  var map = new google.maps.Map(document.getElementById('map'), {
    zoom: 10,
    center: {lat: -33.9, lng: 151.2}
  });
  setMarkers(map);
}
// Data for the markers consisting of a name, a LatLng and a zIndex
for the
// order in which these markers should display on top of each other.
var beaches = [
  ['Bondi Beach', -33.890542, 151.274856, 4],
  ['Coogee Beach', -33.923036, 151.259052, 5],
  ['Cronulla Beach', -34.028249, 151.157507, 3],

```

CSS

```
/* Always set the map height explicitly to define the size of
the div
 * element that contains the map. */
#map {
  height: 100%;
}
```

Peta Satelit

Sydney

Mon Vale

Castle Hill

Macquarie Park

Parramatta

Liverpool

Cronulla

Google

Data peta ©2017 Google Syarat Penggunaan Laporkan kesalahan peta

Ubah Contoh tersebut dengan Lokasi di Subang

Misal: Sebaran Sekolah Dasar di Subang

Contoh: <https://jsfiddle.net/abahsoft1/py59LnrL/1/>

The screenshot displays a web browser window with multiple tabs, including 'Complex icons', 'Edit fiddle - JSFiddle', 'Dashboard - JSFiddle', 'Info windows - JSFiddle', and 'SD Negeri Kalapa'. The active tab is 'JSFiddle, Ltd [GB]' showing a fiddle for 'https://jsfiddle.net/abahsoft1/py59LnrL/'. The interface includes a 'Fiddle meta' sidebar on the left with sections like 'Complex icons', 'No description', 'Add title to make the fiddle public', 'External resources', 'Async requests', 'Legal, credits and links', 'Changelog & roadmap', and 'Report fiddle'. The main area is divided into three panels: 'HTML', 'JavaScript (No-Library (pure JS))', and 'CSS'. The 'HTML' panel contains a single div with id 'map'. The 'JavaScript' panel contains code for initializing a Google Map, setting a center point, and adding four markers for schools in Subang. The 'CSS' panel contains a single rule for the map's height. The rightmost panel shows a Google Map of Subang with four red location pins. The markers are labeled 'SD Yos Sudarso', 'SD Sukamanah', 'SD Sukahayu', and 'SDN Kalapa Kembar'. The map also shows landmarks like 'Planet Water Boom', 'Wisma Karya Subang', and 'Alun-alun Kabupaten Subang'. The bottom of the browser shows the Windows taskbar with the time 9:25 AM on 12/30/2017.

Fiddle meta

- Complex icons
- No description
- Add title to make the fiddle public.
- External resources
- Async requests
- Legal, credits and links
- Changelog & roadmap
- Report fiddle

HTML

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

JavaScript (No-Library (pure JS))

```
2 <!-- Replace the value of the key parameter with your own API key. -->
3 <script async defer
4 src="https://maps.googleapis.com/maps/api/js?
5 key=AIzaSyCkUOdZ5y7hMm0yrcCQoCvLwzdM6MS5qk&callback=initMap">
6 </script>
7
8 // Initialize the map
9 var map = new google.maps.Map(document.getElementById("map"), {
10   center: {lat: -6.5738794, lng: 107.76},
11 });
12
13 // Add markers
14 setMarkers(map);
15
16 // Data for the markers consisting of a name, a LatLng and a zIndex for the
17 // order in which these markers should display on top of each other.
18 var beaches = [
19   ['SD Yos Sudarso', -6.575771, 107.7559394, 4],
20   ['SD Sukamanah', -6.5694586, 107.7490434, 3],
21   ['SD Sukahayu', -6.566101, 107.7547404, 2],
22   ['SDN Kalapa Kembar', -6.5684674, 107.7567548, 1]
23 ];
24
25 function setMarkers(map) {
26   // Adds markers to the map.
27   // Marker sizes are expressed as a Size of X,Y where the origin of
28   // the image (0,0) is located in the top left of the image.
```

CSS

```
1 /* Always set the map height explicitly to define the size of
2 the div
3 * element that contains the map. */
4 #map {
5   height: 100%;
6 }
```

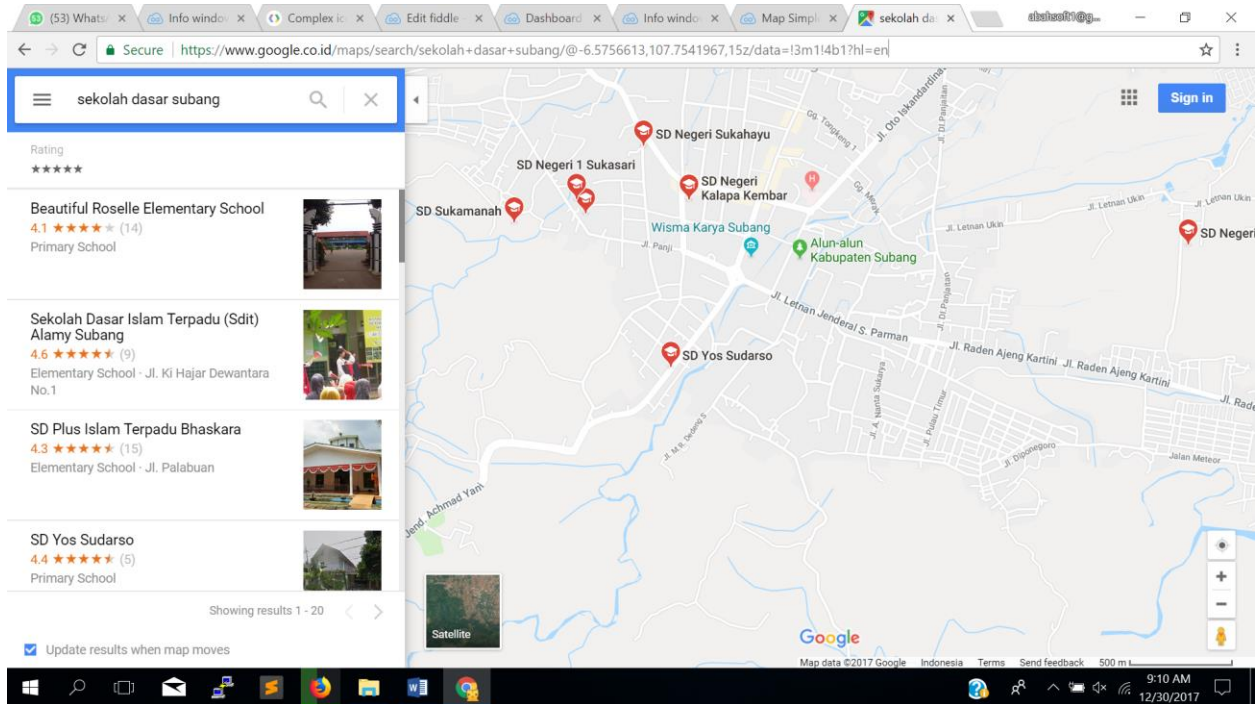
Map showing Subang area with markers for SD Yos Sudarso, SD Sukamanah, SD Sukahayu, and SDN Kalapa Kembar.

Cara Mencari Koordinat

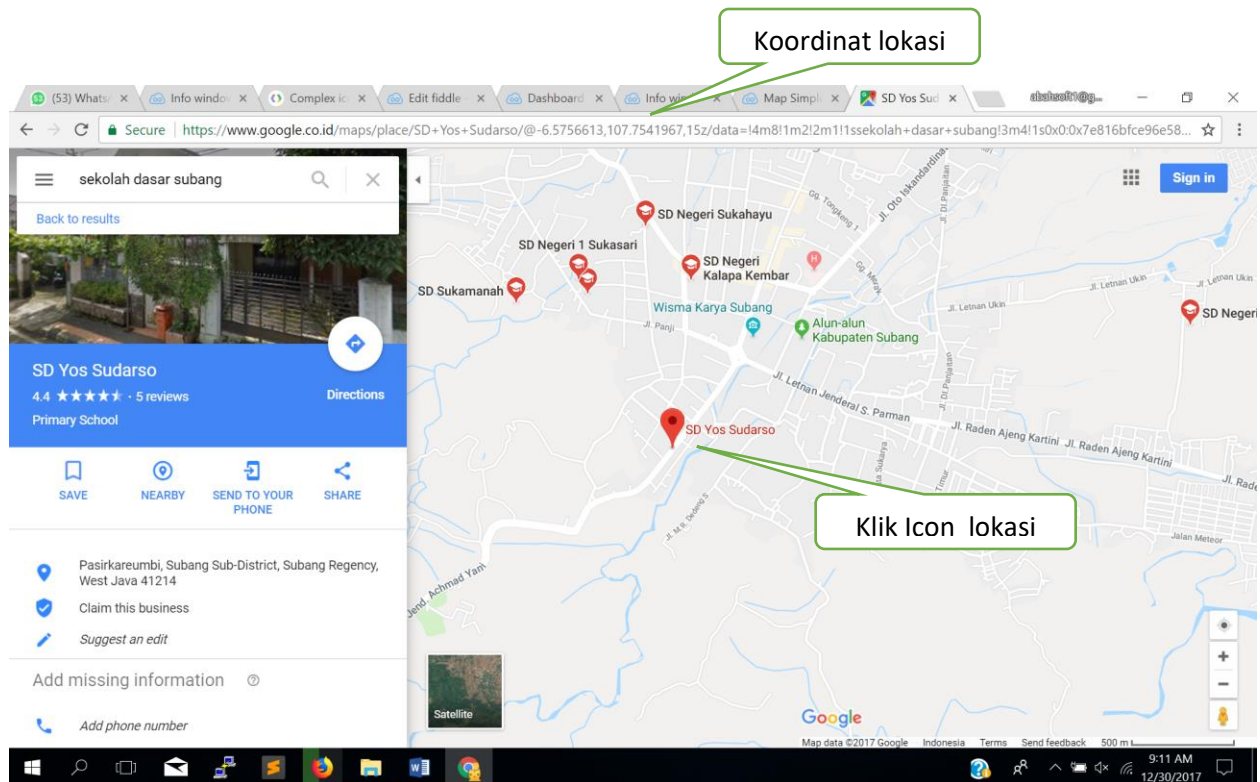
Buka <http://map.google.com> Search missal: sekolah dasar subang

Contoh Hasil pencarian:

<https://www.google.co.id/maps/search/sekolah+dasar+subang/@6.5756613,107.7541967,15z/data=!3m1!4b1?hl=en>



Klik pada icon sekolah untuk mendapatkan koordinat



Contoh

<https://www.google.co.id/maps/place/SD+Yos+Sudarso/@-6.5756613,107.7541967,15z/data=!4m8!1m2!2m1!1ssekolah+dasar+subang!3m4!1s0x0:0x7e816bfce96e5853!8m2!3d-6.575771!4d107.7559394?hl=en>

No	Nama Sekolah	Latitude	Longitude
1	SD Yos Sudarso	-6.575771	107.7559394
2	SD Sukamanah		
3	SD Sukahayu		
4	SD Negeri Kalapa Kembar		

Contoh:

Simple map

<https://jsfiddle.net/abahsoft1/ddp6q46o/>

Simple Map with marker

<https://jsfiddle.net/abahsoft1/4Lj37uca/8/>

Simple Map with complex marker

<https://jsfiddle.net/abahsoft1/py59LnrL/1/>