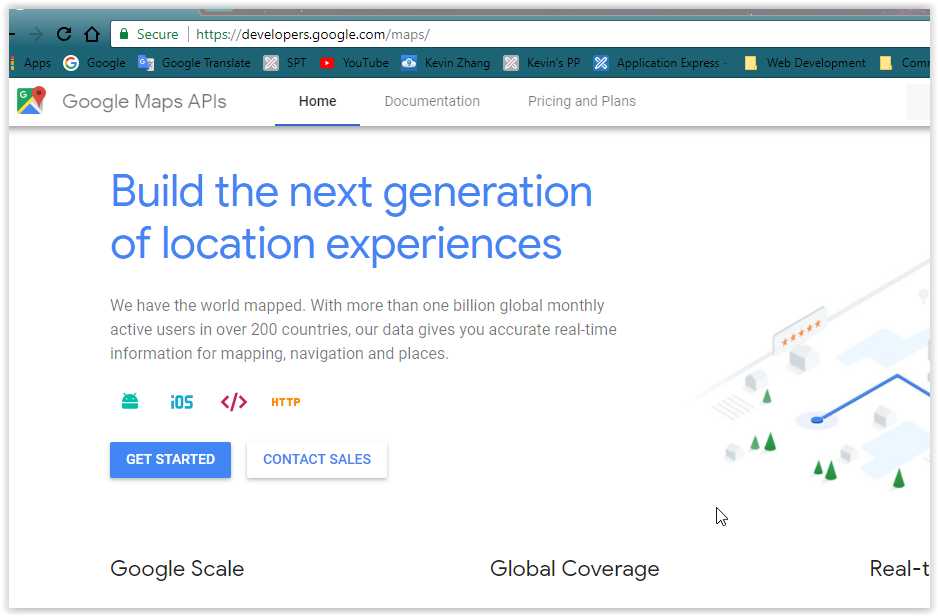
|  |  |
| --- | --- |
| Name | Value |
| Today’s Date | 4/7/2018 |
| Youtube Source | <https://www.youtube.com/watch?v=Zxf1mnP5zcw> |
| Youtube Title | Google Maps JavaScript API Tutorial |
| Starter files/Github |  |
|  |  |
| Useful Links | <https://developers.google.com/maps/documentation/javascript/examples/>  <https://developers.google.com/maps/>  <https://developers.google.com/maps/documentation/javascript/events> |
| Thumnail |  |

Things Learned:

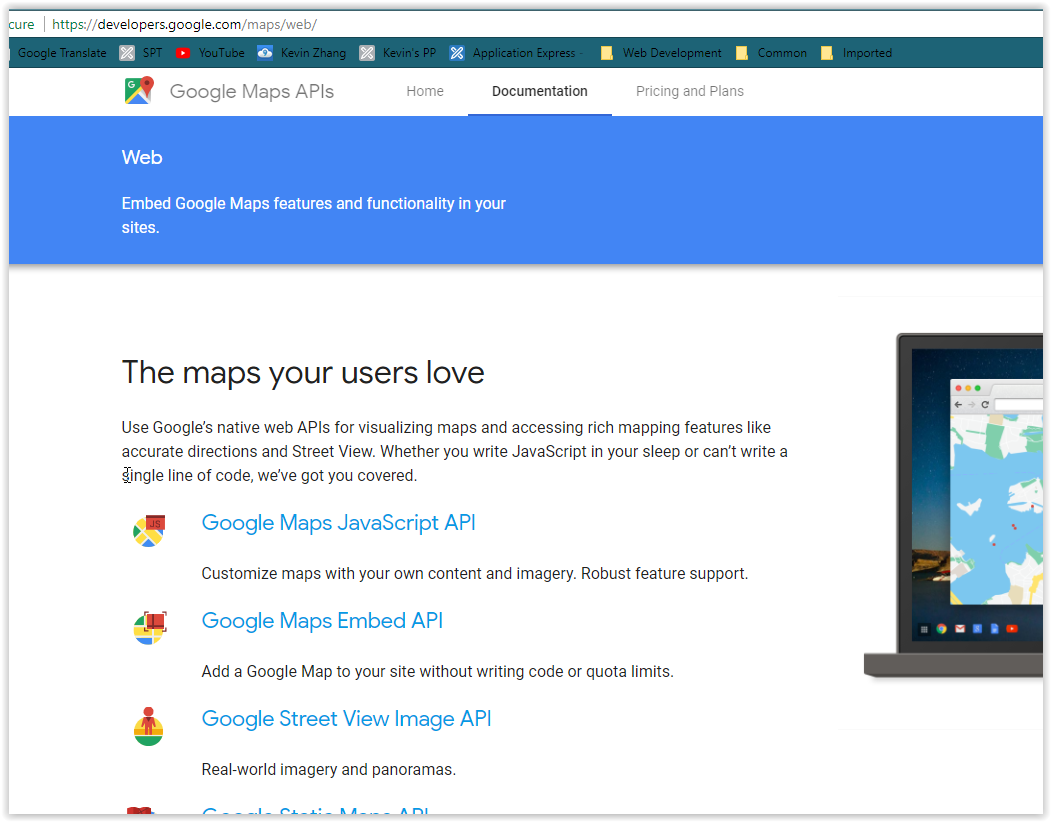
|  |  |
| --- | --- |
| Category | Skill |
| Google Maps APIs | <https://developers.google.com/maps/>    Libertyville IL Latitude and longitude    Although, both value are positive, in the code, I need have negative sign for longitude:  function initMap() {  let options = {  zoom: 8,  center: { lat: 42.2831, lng: -87.9531 }  };  let map = **new** google.maps.*Map*(*document*.getElementById("map"), options);  }  Using below document, I am able to show info and close info for mouseover and mouseout  <https://developers.google.com/maps/documentation/javascript/events>  marker.addListener("mouseover", function() {  infoWindow.open(map, marker);  });  marker.addListener("mouseout", function() {  infoWindow.close(map, marker);  });  Mouseover:    Mouseout: |  |
| JavaScript |  |
| CSS |  |
| NodeJS |  |
|  |  |

## Setup Google Map API Key

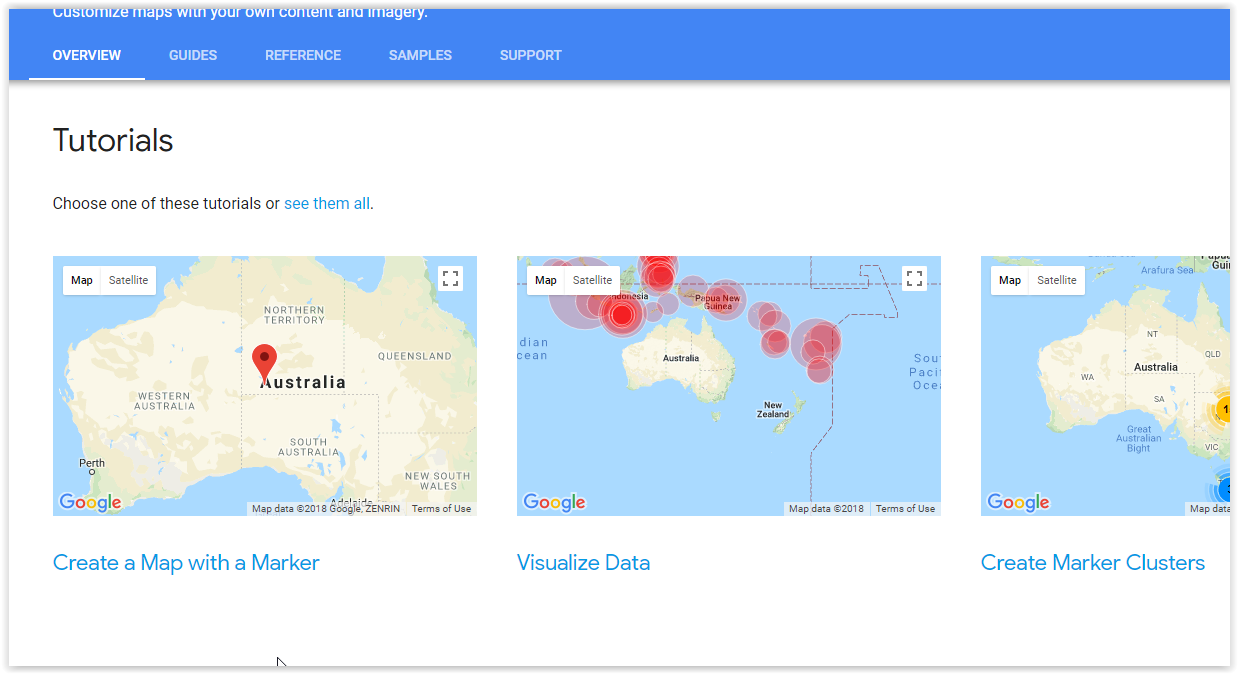
Go to <https://developers.google.com/maps/> and click “</>” icon, which is for web. The “HTTP” icon is for web service

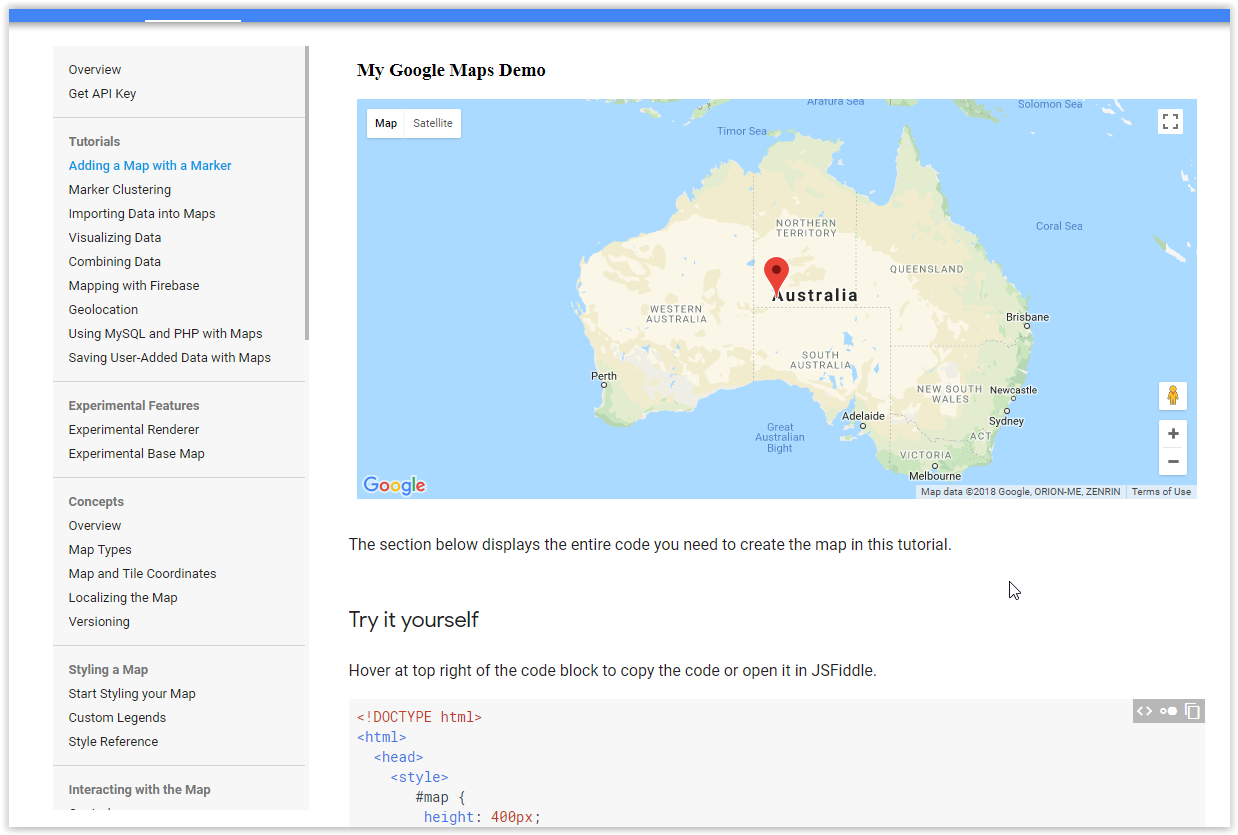


Click “Google Maps JavaScript API”



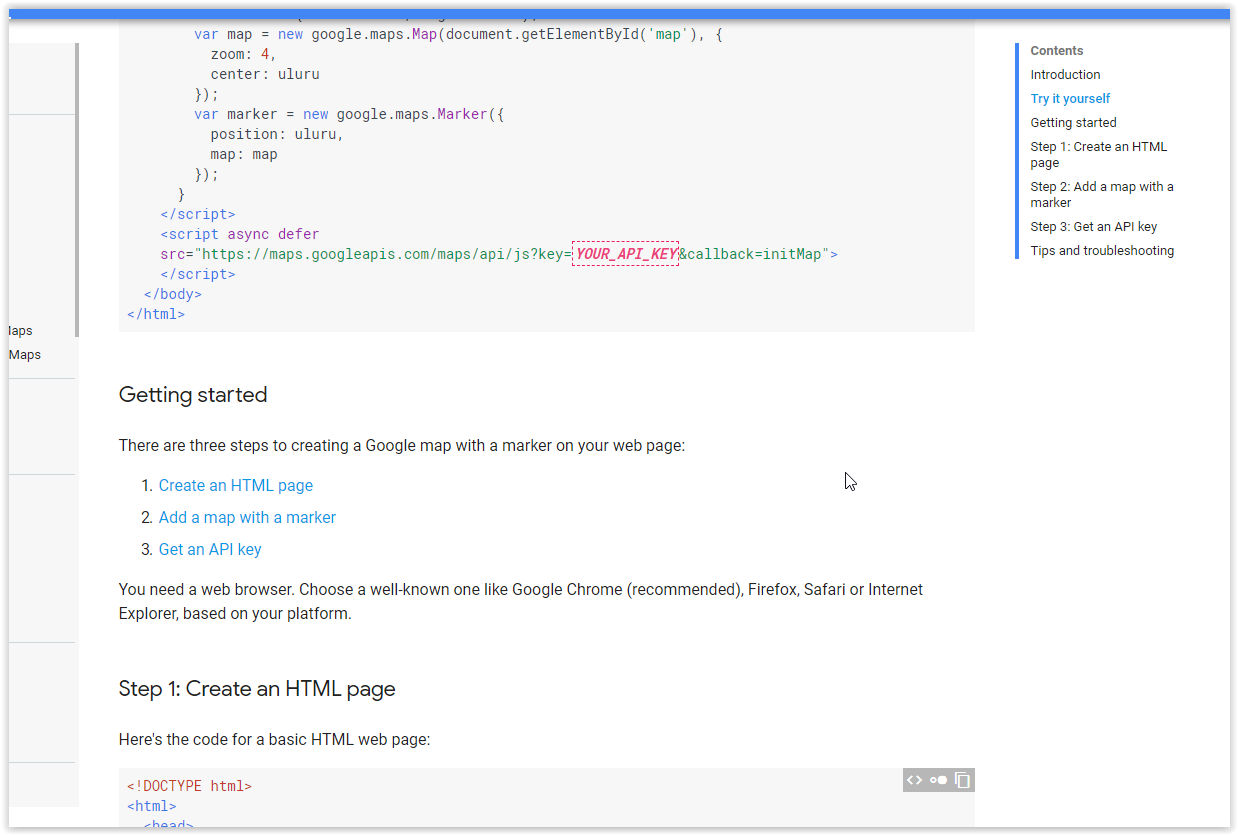
Click “Create a Map with a Marker”

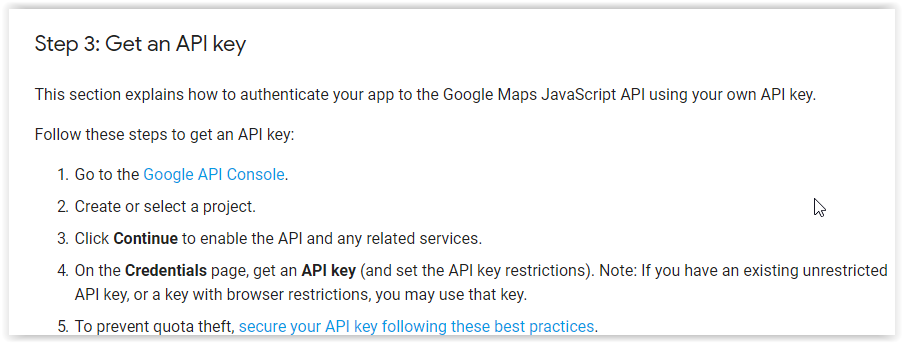


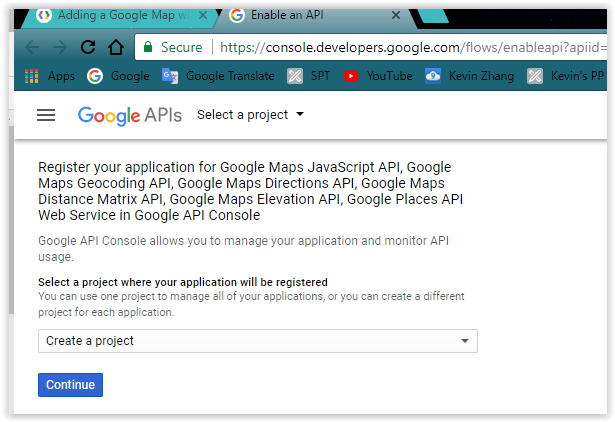


Eventually, you ends with <https://developers.google.com/maps/documentation/javascript/adding-a-google-map>

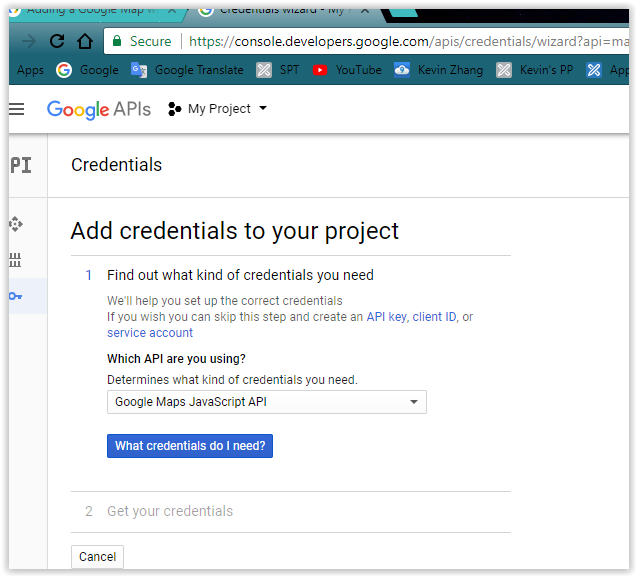
And you will use some code from this web. Now we need get a google API key (the key for any Google API, not just Map)

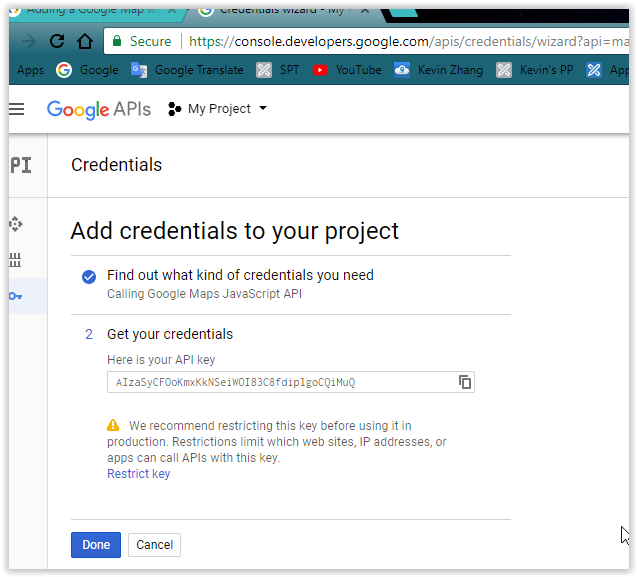




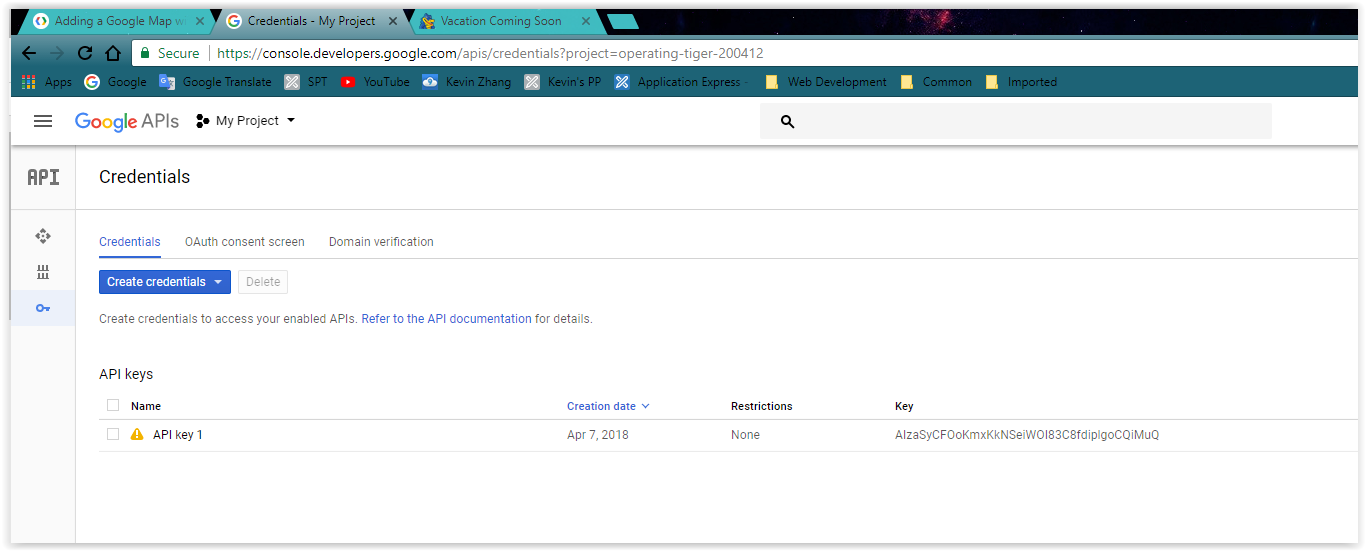


Click “Continue” for “Create a Project” … be patient, it could take 1 minute …

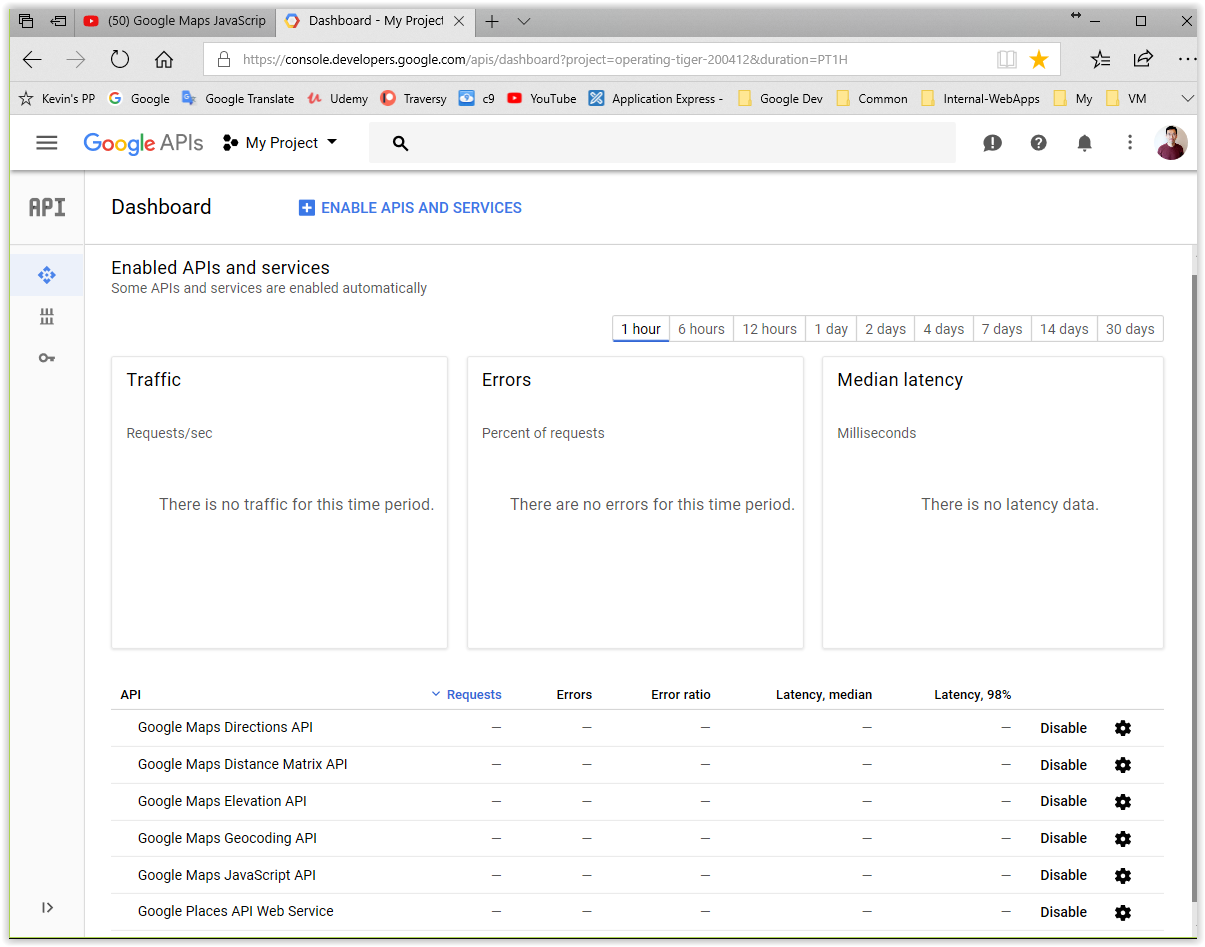


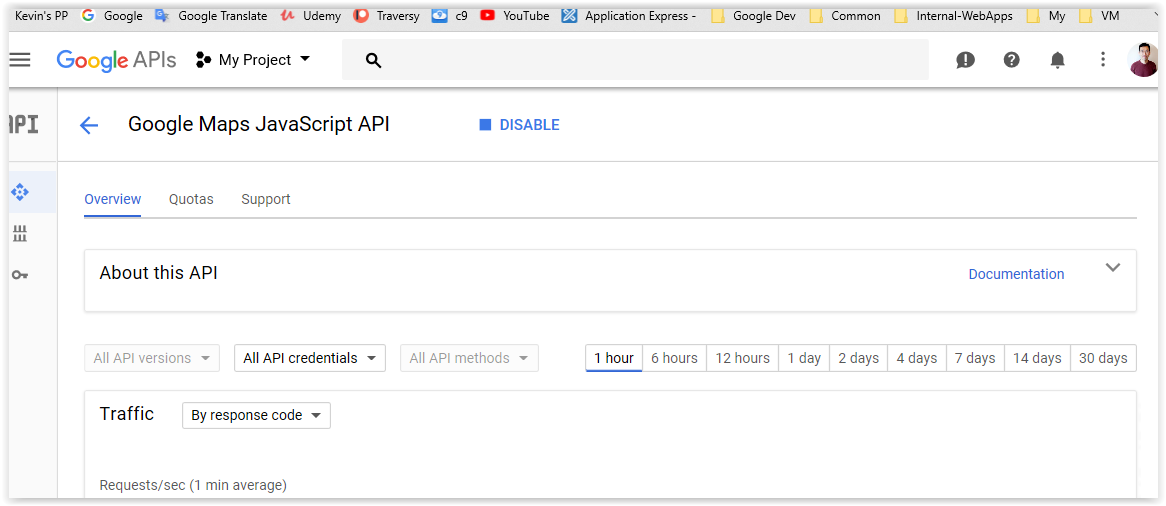


**Save your key**: AIzaSyCFOoKmxKkNSeiWOI83C8fdiplgoCQiMuQ



Then somehow, I went to the “API” Dashboard page like below and I need to enable API for “Google Maps JavaScript API”.





Actually, it is already enabled … this is misleading … if you click “DISABLE” button on above page, it will try to disable it .. so I don’t need click it.