|  |  |
| --- | --- |
| Name | Value |
| Today’s Date | 4/7/2018 |
| Youtube Source | <https://www.youtube.com/watch?v=pRiQeo17u6c> |
| Youtube Title | Google Geocode API & JavaScript Tutorial |
| Starter files/Github |  |
|  |  |
|  |  |
| Thumnail |  |

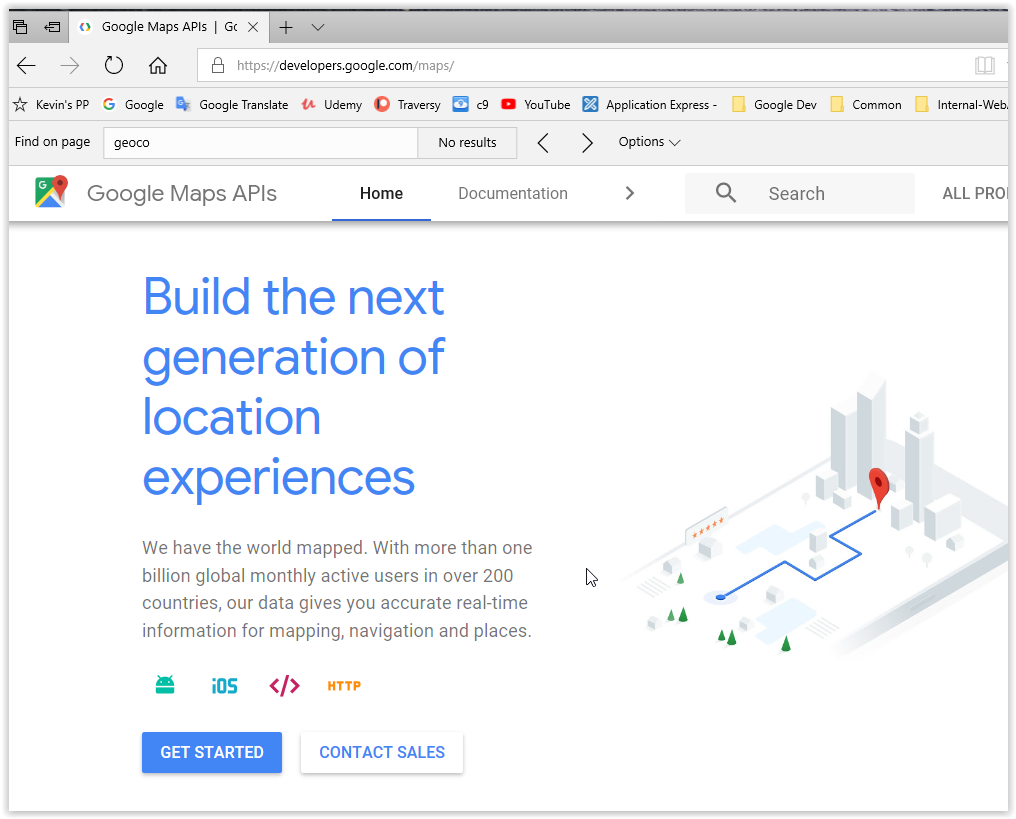
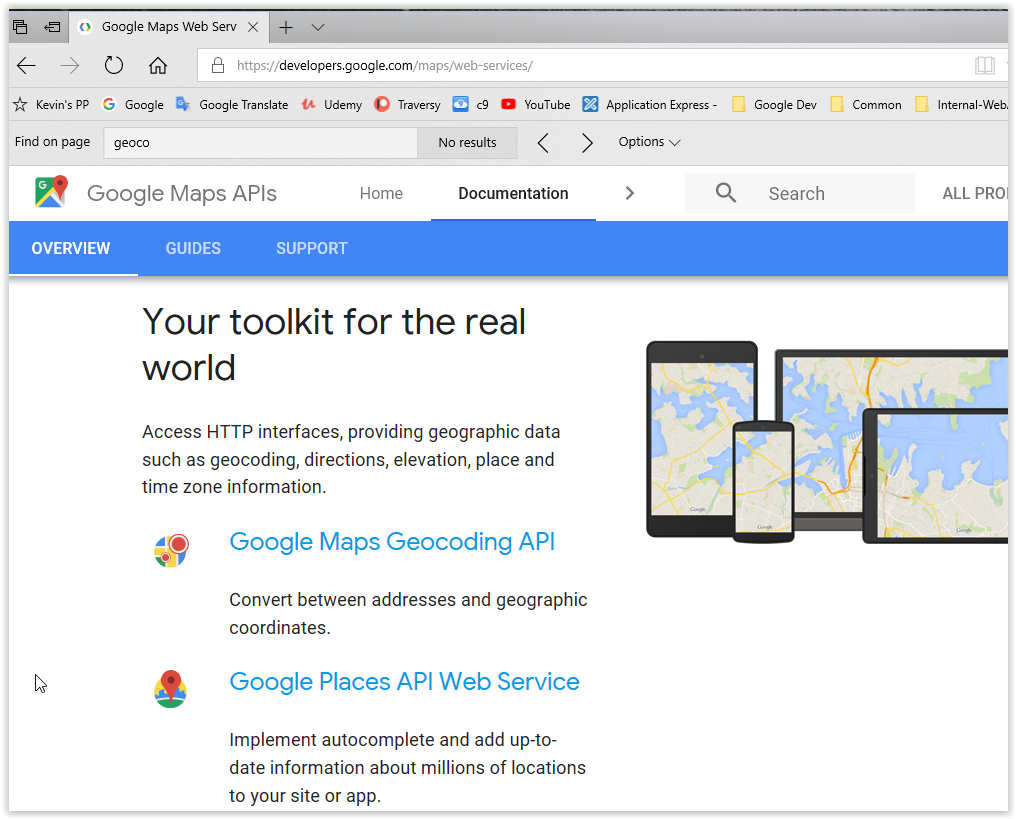
Things Learned:

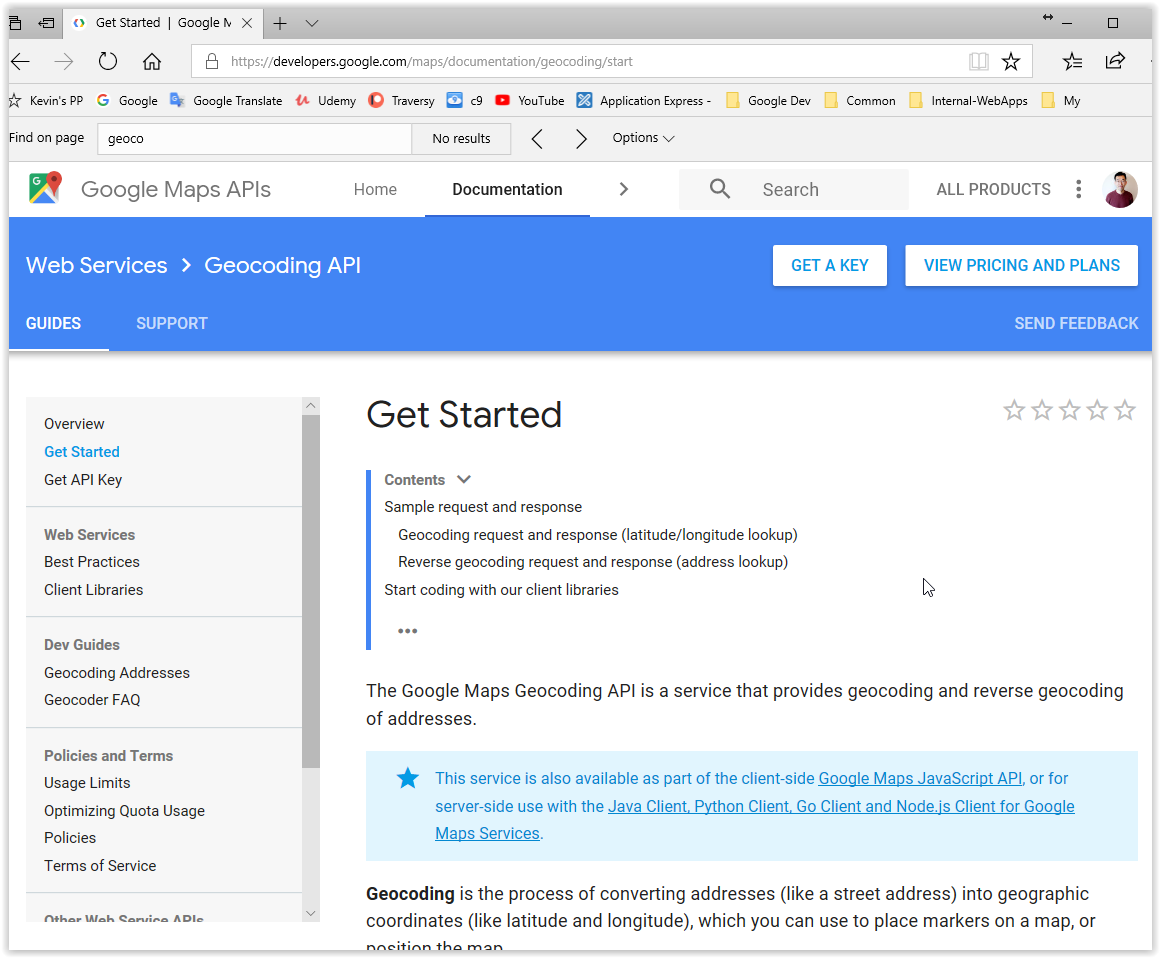
|  |  |
| --- | --- |
| Category | Skill |
| Google Geocoding | <https://console.developers.google.com> |
| Axios | <https://github.com/axios/axios> |
| JavaScript |  |
| CSS |  |
| NodeJS |  |
|  |  |

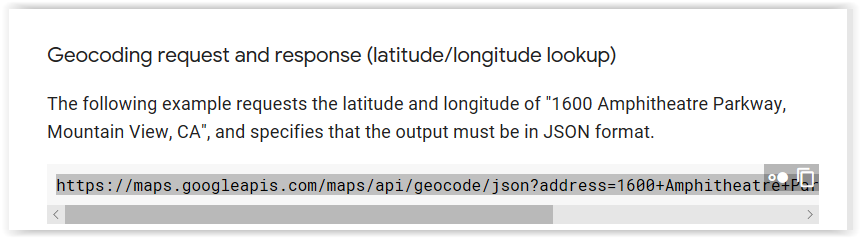
Setup:

<https://developers.google.com/maps/>

Click “HTTP” icon below, which is for Web Service. “/” is for web, which I used for Google Map tutorial (folder name is GoogleMapJSAPI)



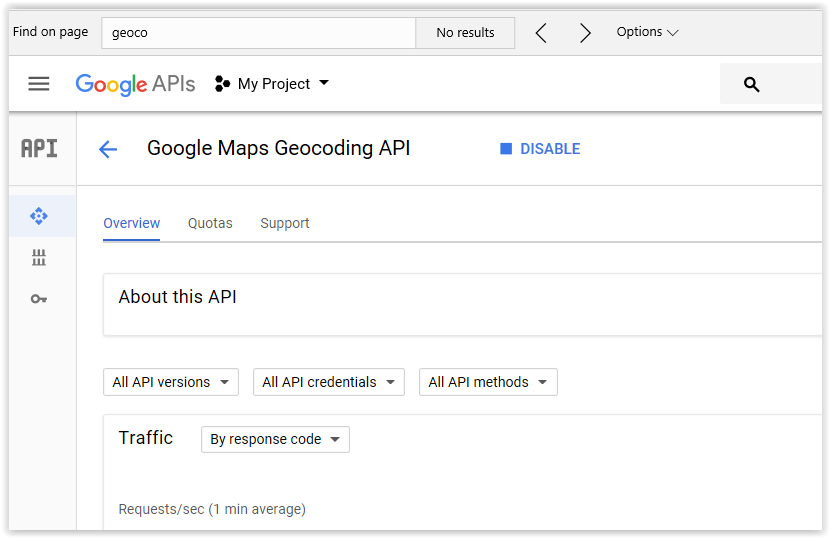


[https://maps.googleapis.com/maps/api/geocode/json?address=1600+Amphitheatre+Parkway,+Mountain+View,+CA&key=***YOUR\_API\_KEY***](https://maps.googleapis.com/maps/api/geocode/json?address=1600+Amphitheatre+Parkway,+Mountain+View,+CA&key=YOUR_API_KEY)

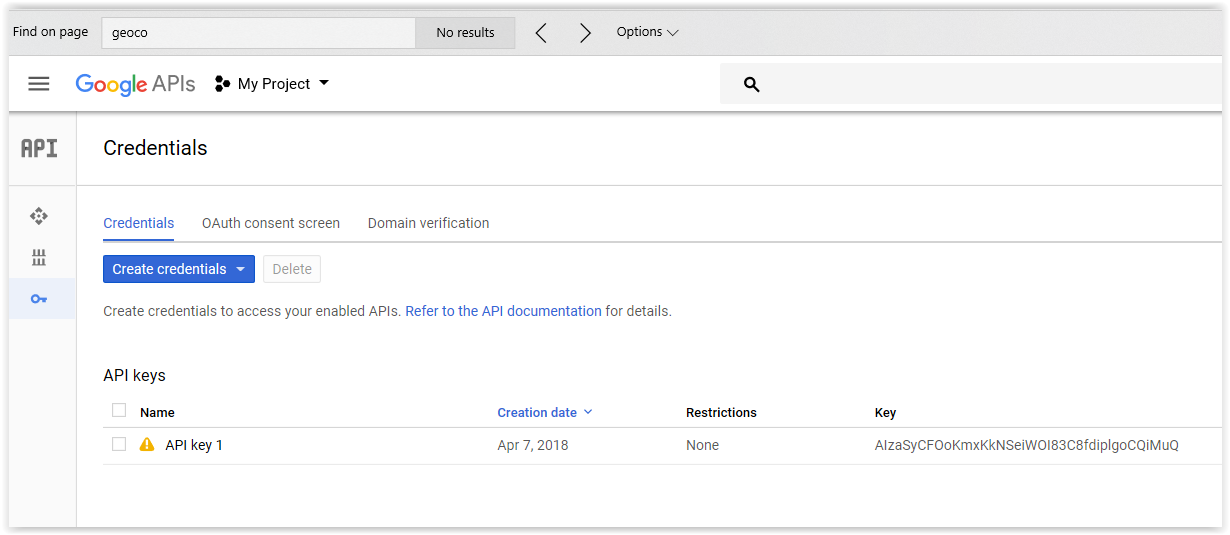
I already get my google API Key during tutorial for “GoogleMapJSAPI” …

Go to Google API console and select “My Project” and confirm “Google Maps Geocoding API” is enabled.

<https://console.developers.google.com/apis/api/geocoding-backend.googleapis.com/overview?project=operating-tiger-200412&duration=PT1H>



Copy down your key …



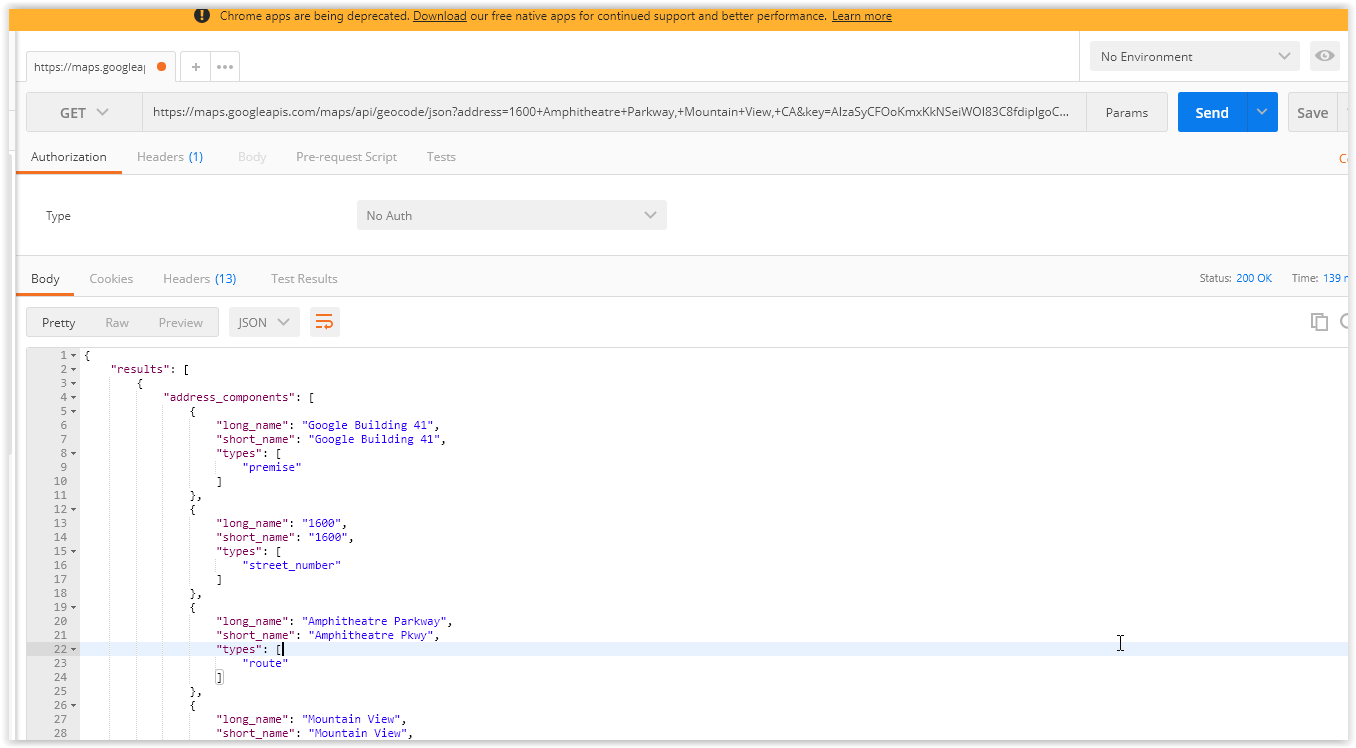
Now, let’s test sample request mentioned in the documentation:

<https://maps.googleapis.com/maps/api/geocode/json?address=1600+Amphitheatre+Parkway,+Mountain+View,+CA&key=AIzaSyCFOoKmxKkNSeiWOI83C8fdiplgoCQiMuQ>

Or my home address:

<https://maps.googleapis.com/maps/api/geocode/json?address=764+Sunnyside+Avenue,+Libertyville,+IL&key=AIzaSyCFOoKmxKkNSeiWOI83C8fdiplgoCQiMuQ>

You can use Postman to confirm it is working:

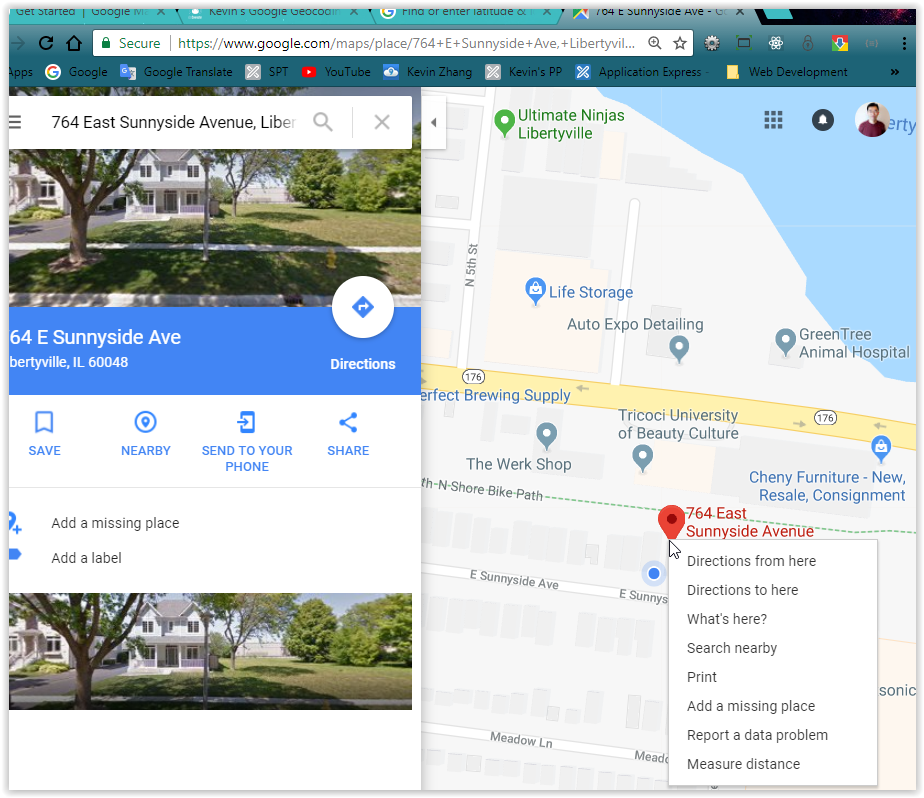


Test another API for Libertyville’s latitude and longitude

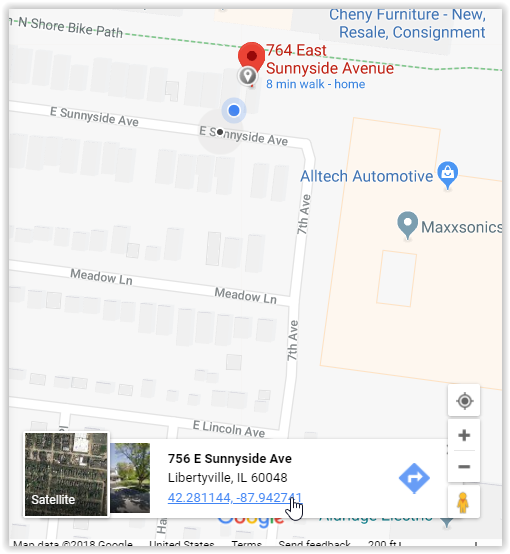
<https://maps.googleapis.com/maps/api/geocode/json?latlng=42.2831,-87.9531&key=AIzaSyCFOoKmxKkNSeiWOI83C8fdiplgoCQiMuQ>

## How to get latitude and longitude for your home address “764 E. Sunnyside Ave ….”?

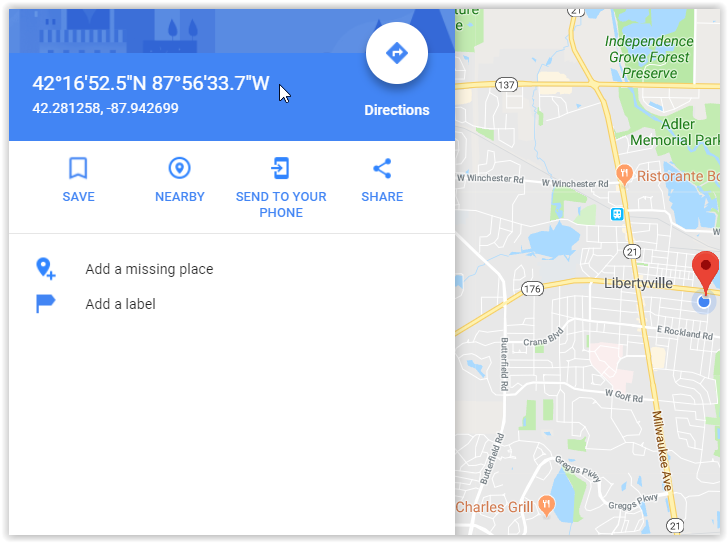
Open google map:



You will see the value at the bottom of the screen



Click it and you can then copy the value



Right mouse click your address and choose “What is here?”