How to use google API ??

In this Tutorial we are going to learn how to use to use google api

What is api ?

Api is application programming interface. A set of functions and procedures that allow the creation of applications which access the features or data of an operating system, application, or other service.

Why we use api? What is the purpose?:

APIs are re-usable, modern and consistent. If you have multiple applications or hosts that need access to the data, you don't need to get a new database connection authorized for each one. For modern client-side web applications, a REST API allows you to build dynamic applications with rich and powerful user interfaces. Using our services, you have a single API hub with consistent policies, a single point of contact, and a consistent model for documentation.

Prerequisites:

Need an google account,

Api Documentation link : https://console.developers.google.com

Process:

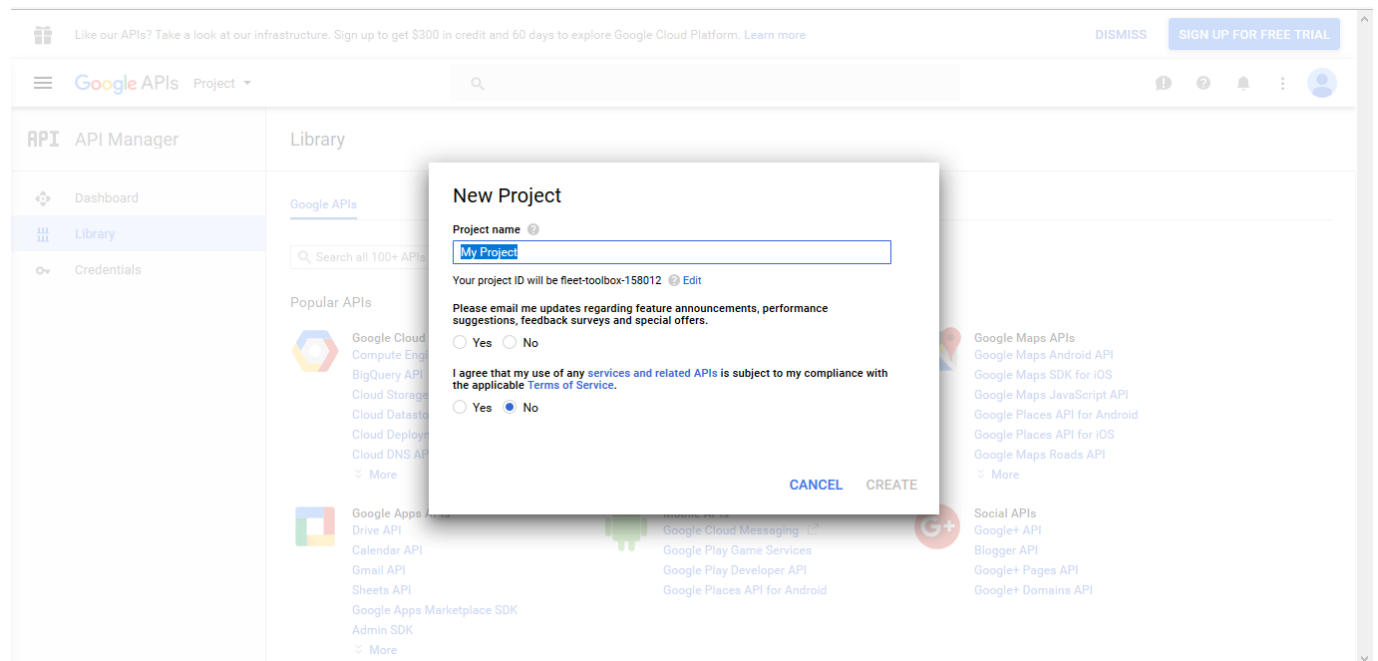**Step 1:A] Create a new project.**

 If you have an account use it's login details

 Otherwise create an google account, please register using the google account

 i) under project.

Click on create new project

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After providing project a title and fullfiling the other requirements

Click on create.

ii) After creating project

Under Api manager you will get credentials tab

In that you will get api key.

iv) Once you have app key. You need to click on library

v) select google service for which you use it's api from the library

And enable it

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By enabling it you are ready to use it's api using it documentation.

vi)By enabling youtube data api You can give your first call to the api.

https://www.googleapis.com/youtube/v3/search?part=snippet&q='.$searchKeyword .'&maxResults='.$maxResults.'&order=viewCount&key=apikey

And follow the Api Documentation link :

https://console.developers.google.com

For rest of the calls.

Testing or What can go wrong?

Sometimes we forget to enter correct parameters while calling url to obtain results from it .

Don't forget to pass api key. And for all google service api key is same just you need to enable the api services from library and use their documentation.