

Requirements:

- [Node and npm](#)
- `clasp`: `npm install -g @google/clasp`
- [Type definitions for Apps Script](#): `npm i -S @types/google-apps-script`
- [Visual Studio Code](#) (for TypeScript IDE autocompletion)

<https://developers.google.com/apps-script/guides/typescript>

Clasp tutorial:

<https://developers.google.com/apps-script/guides/clasp>

Steps:

1. Create a Google Cloud Project





<https://cloud.google.com/resource-manager/docs/creating-managing-projects>




2. Enable the following APIs in your project

- . Google Drive API
- . Apps Sctipy API
- . Google Picker API


<https://cloud.google.com/endpoints/docs/openapi/enable-api>

3. Create an API key with the following parameters

 Cloud Platform   

 Restrict and rename API key  REGENERATE KEY  DELETE

Key restrictions

Restrictions help prevent unauthorized use and quota theft. [Learn more](#) 

Application restrictions

An application restriction controls which websites, IP addresses, or applications can use your API key. You can set one application restriction per key.

☐ None

☒ HTTP referrers (web sites)

☐ IP addresses (web servers, cron jobs, etc.)

☐ Android apps

☐ iOS apps

Website restrictions

Restrict key usage requests to the specified websites.



If left blank, your API key will accept requests from any website.

*.google.com	▼
*.googleusercontent.com	▼
ADD AN ITEM	

API restrictions

API restrictions specify the enabled APIs that this key can call



Don't restrict key

This key can call any API



Restrict key

<https://cloud.google.com/docs/authentication/api-keys>

4. Save the API key

API Keys

<input type="checkbox"/>	Name	Creation date	Restrictions	Key
<input checked="" type="checkbox"/>	API key 1	Apr 26, 2021	HTTP referrers	AIzaSyA8yw...s

5. Clone the github repo and open the "form.html" file. Herem you need to edit line 71

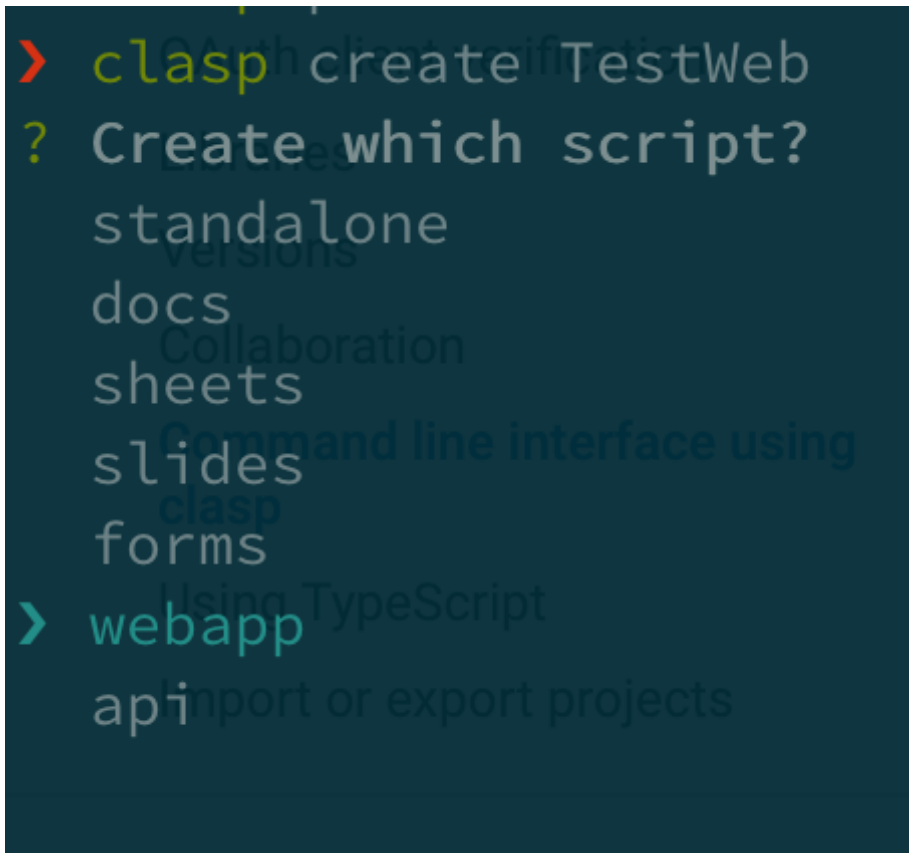
```
var DEVELOPER_KEY = "YOUR_API_KEY";
```

6. Login using clasp

```
clasp login
```

7. Inside your github folder, create a new GAS project, and select webapp option.

```
clasp create [scriptId]
```



8. Enable API inside GAS

```
clasp api list
```

The first time it will ask for your GCP projectId, you can find it inside your Google cloud project. Then,

```
clasp apis enable drive
```

9. Push the files to your GAS project

```
clasp push
```

10 . Add "Drive API" service to your GAS project

<https://developers.google.com/apps-script/guides/services/advanced>

11. Then you open the link of your GAS project and create a new deployment

Deploy ▼



New deployment

Manage deployments

Test deployments



New deployment

Select type



Configuration



Web app

API Executable

Description

New description

My Description

Web app

Execute as

User accessing the web app



The web app will require users to authorize to run using their account data.

Who has access

Anyone within Universidad Nacional de Ingeniería





API Executable

This Apps Script project is using an Apps Script-managed Google Cloud Platform (GCP) project.

Cancel

Deploy

New deployment

Select type 	Configuration 
Web app API Executable	<div>Description <div>New description</div><div>My Description</div></div> <div>Web app <div>Execute as</div><div>User accessing the web app</div></div> <div>The web app will require users to authorize to run using their account data.</div> <div><div>Who has access</div><div>Anyone within Universidad Nacional de Ingeniería</div></div> <div>API Executable <div>This Apps Script project is using an Apps Script-managed Google Cloud Platform (GCP) project.</div></div>

Cancel

Deploy

 Now you are ready to go!