

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. Here you need to edit line 71

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

Run the next line of code in your terminal inside the cloned repo

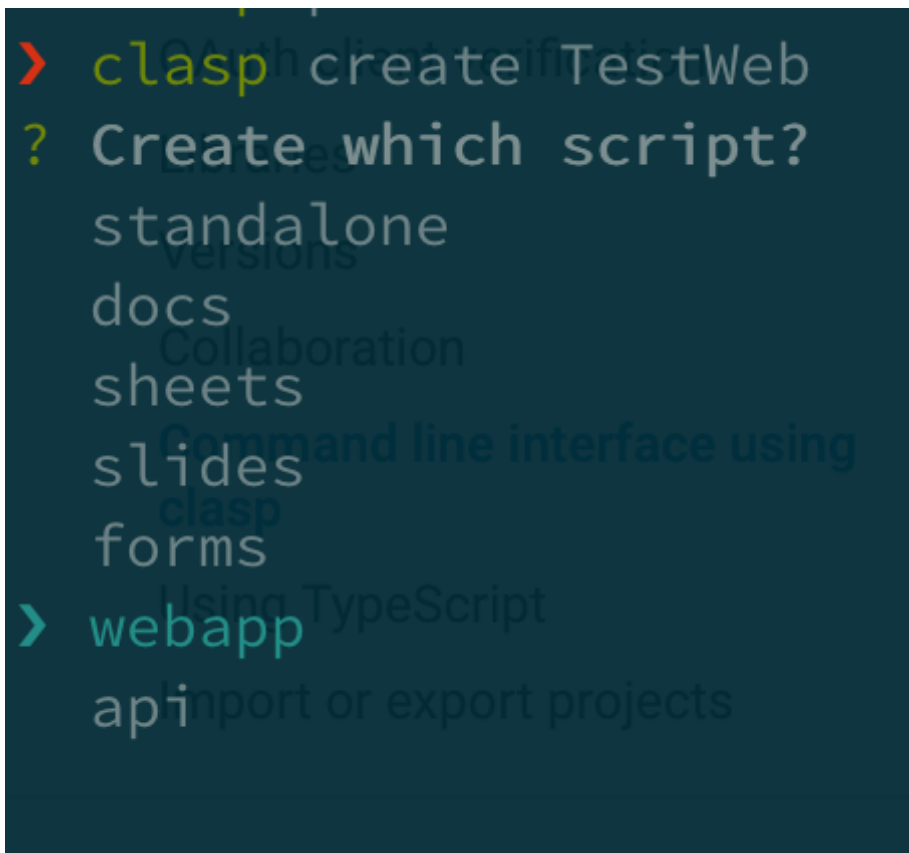
```
yarn
```

6. Login using clasp

```
clasp login
```

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

```
clasp create [scriptTitle]
```



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
```

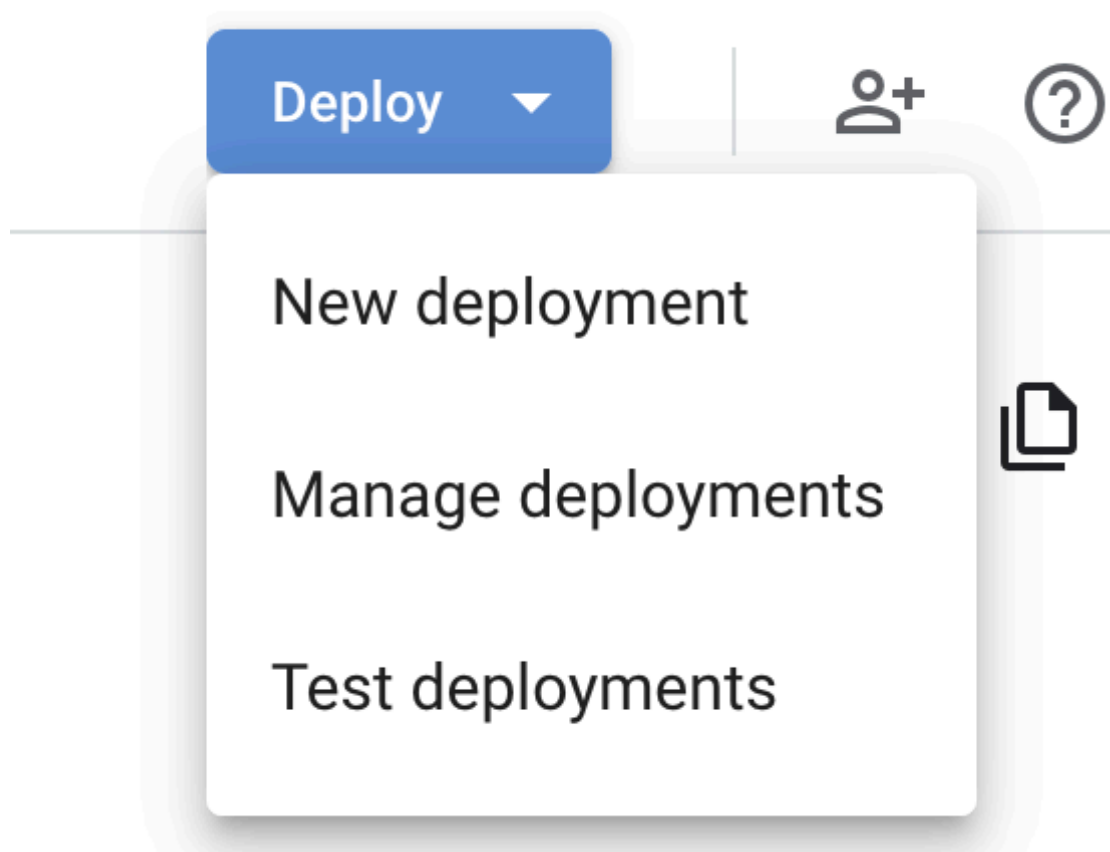
9. Push the files to your GAS project

```
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





New deployment

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

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!