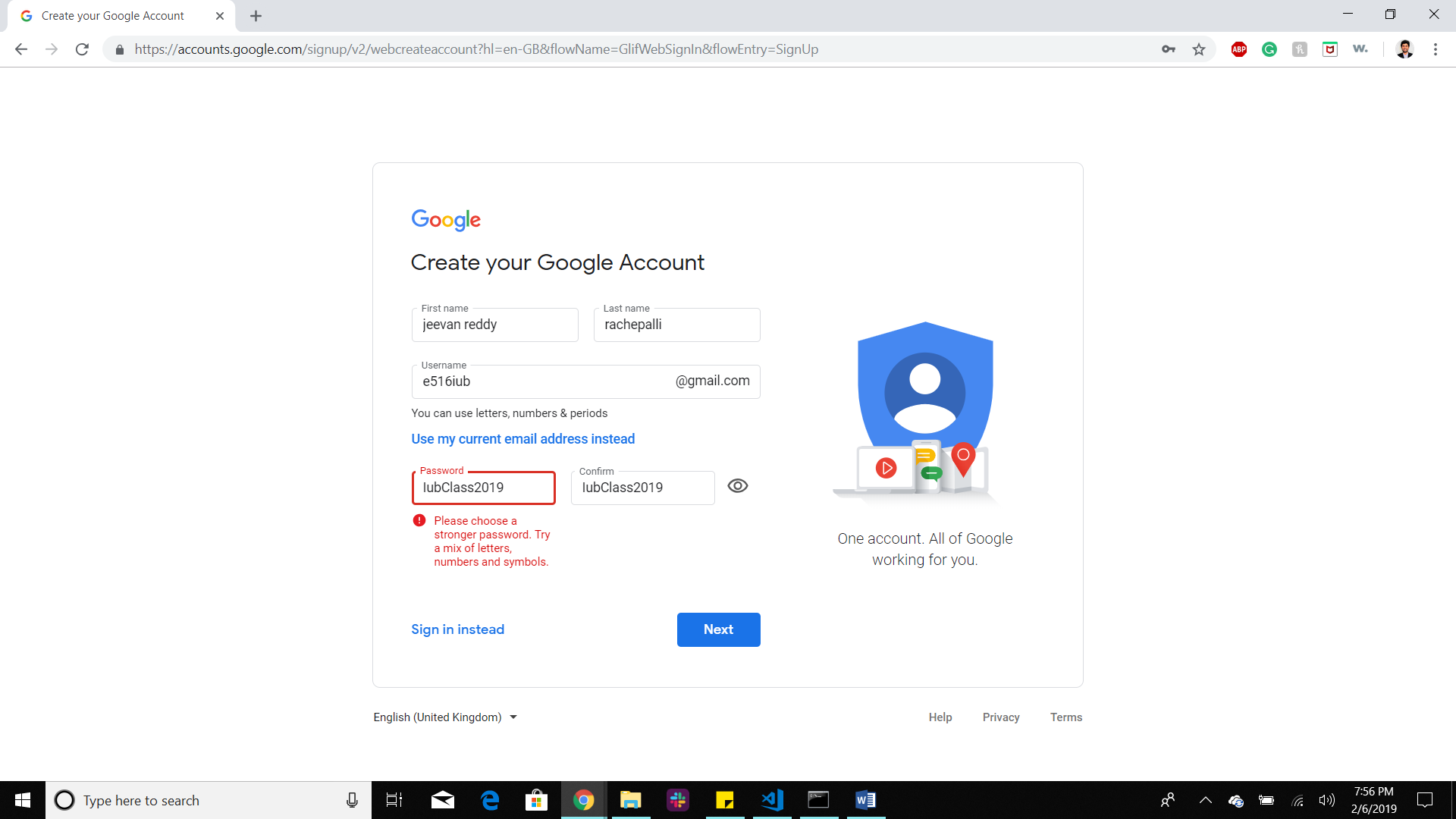
Code reference:

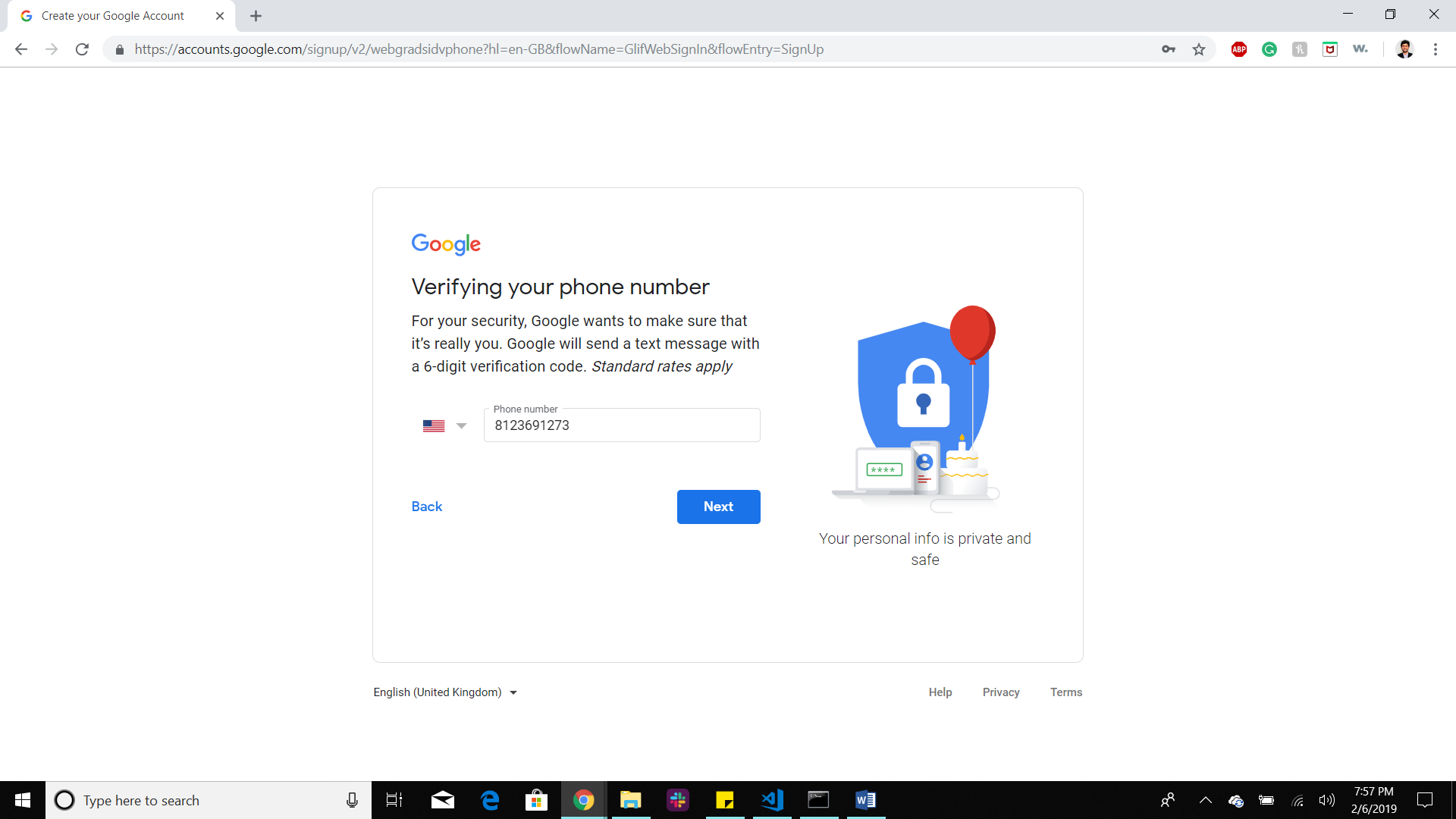
All the code over here in this project has been taken from these sources

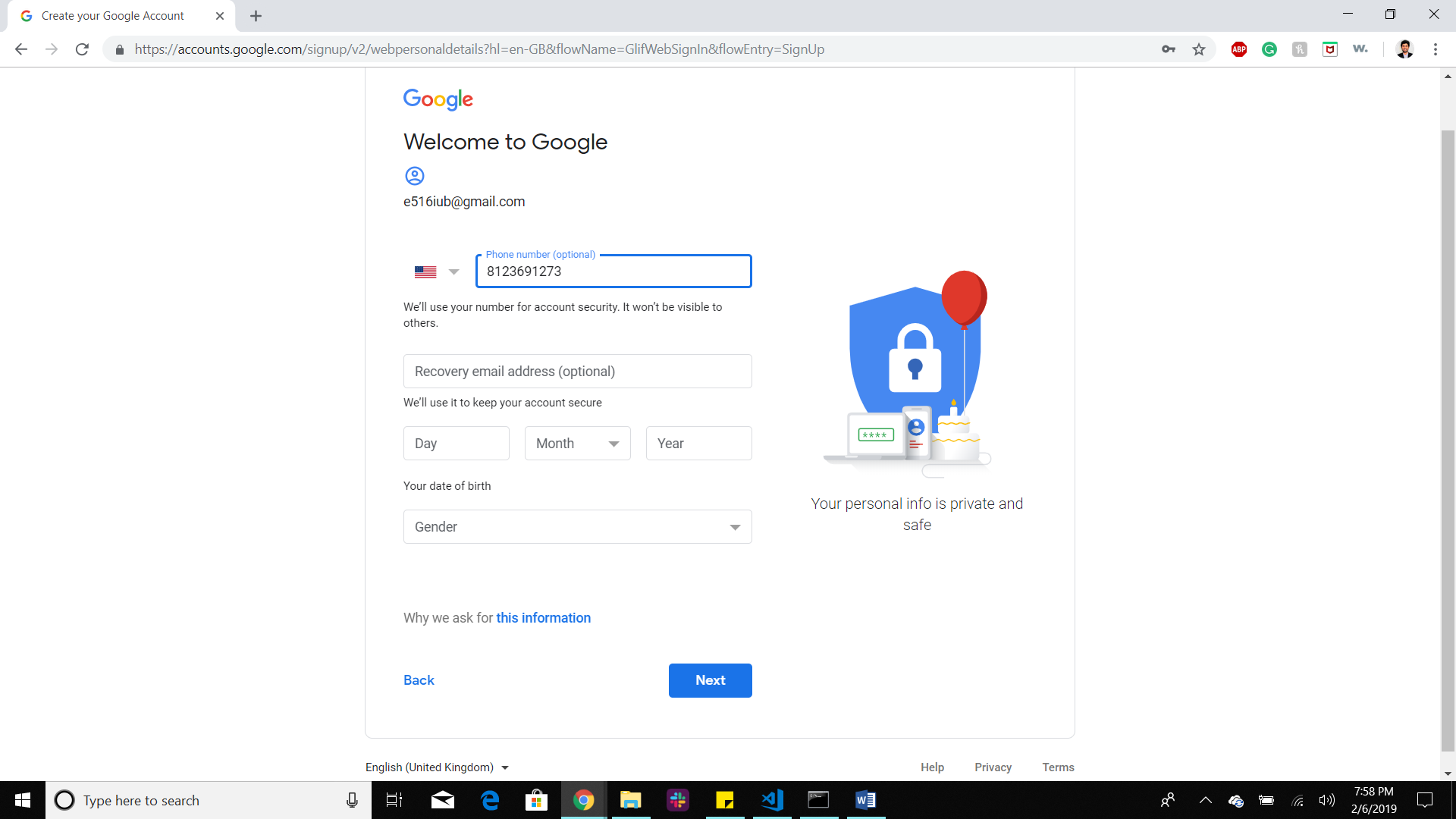
<https://github.com/samlopezf/google-drive-api-tutorial>

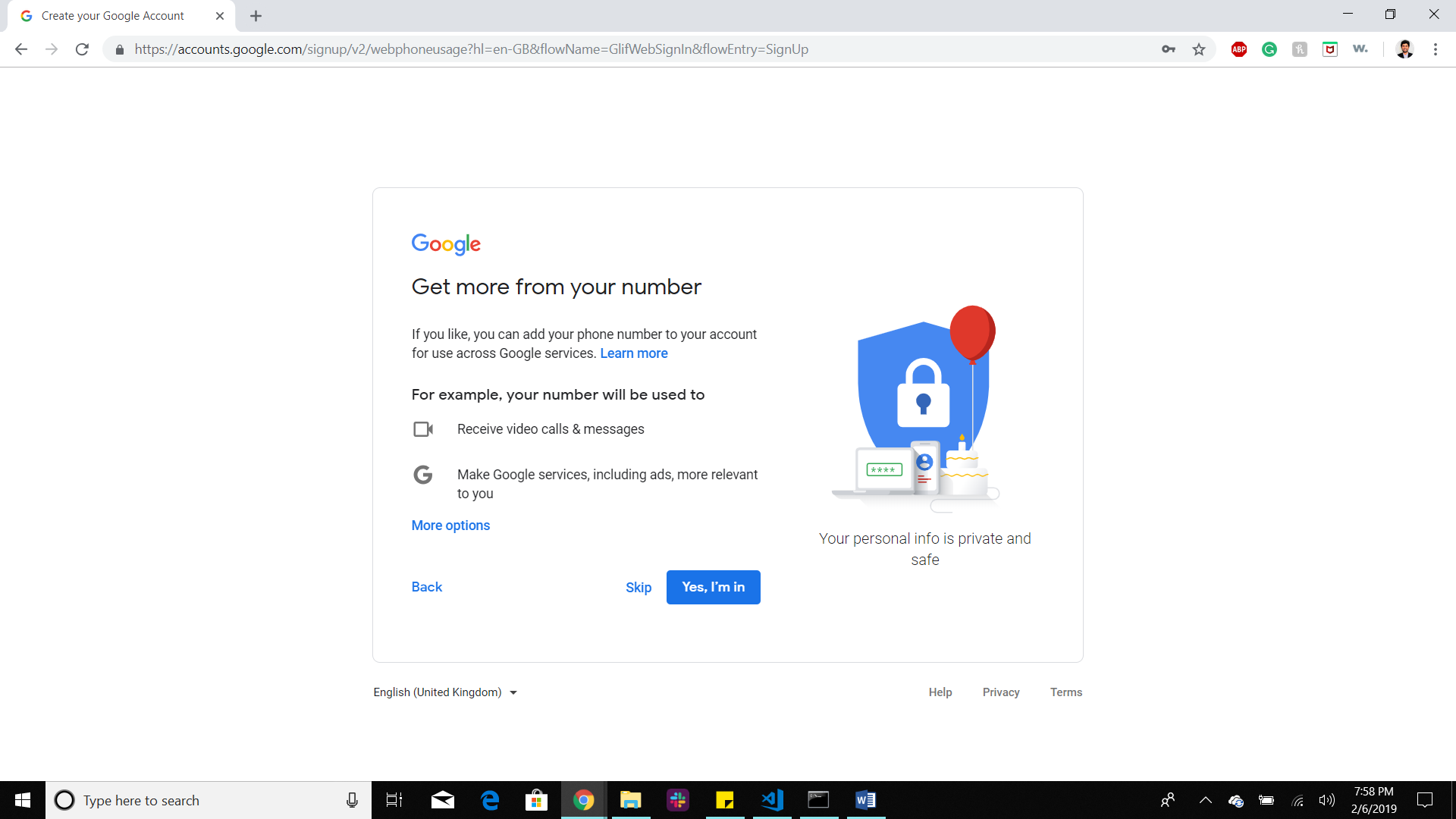
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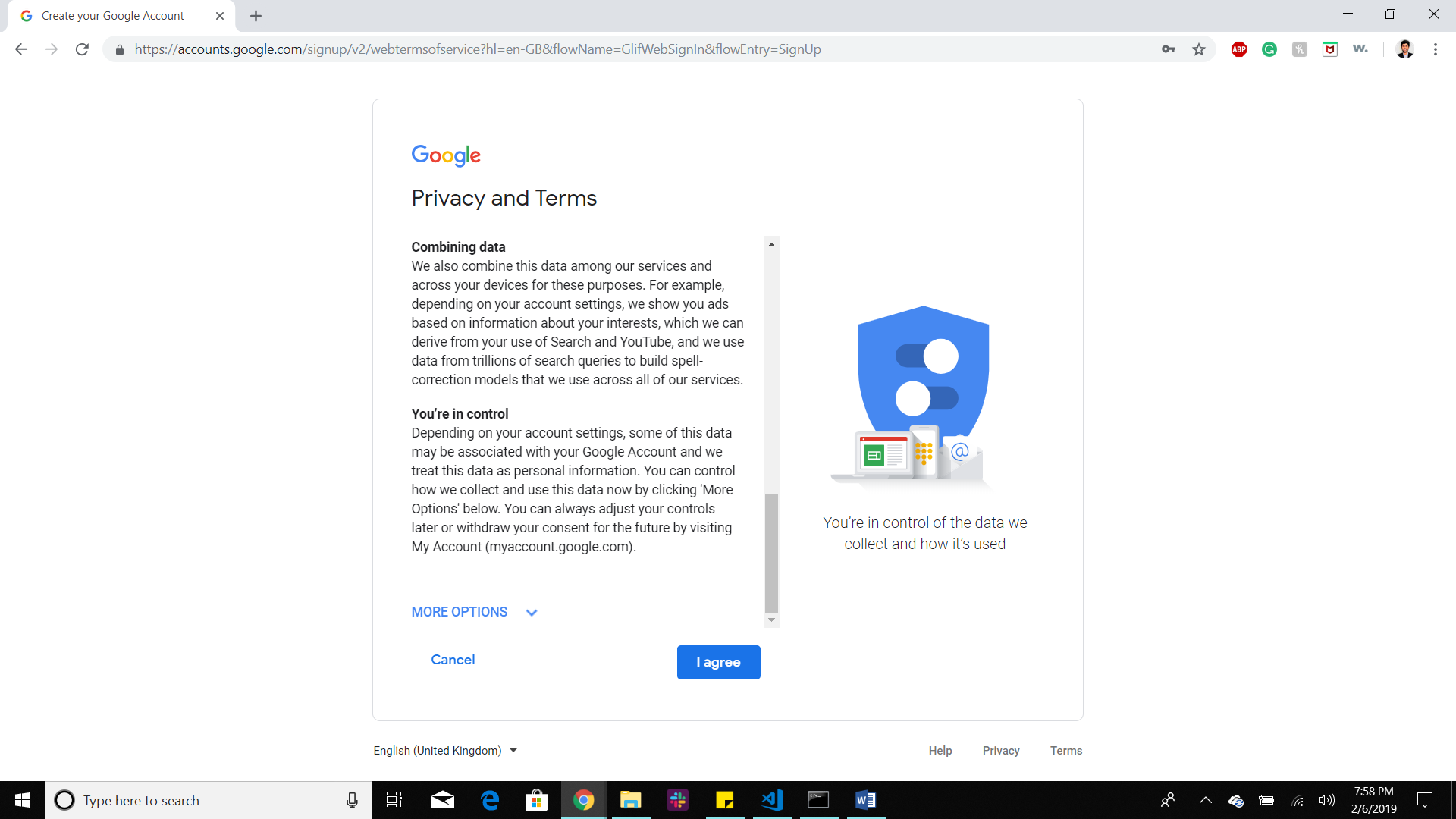
|  |
| --- |
| * describe what is google docs * describe what is goole drive * contrast them * locate a google drive python interface and create an example * locate a google docs python interface and create an example   <https://www.cloudwards.net/how-does-google-drive-work/>  <https://whatis.techtarget.com/definition/Google-Docs>  <https://www.techopedia.com/definition/13626/google-docs>  Google Drive is a file storing platform where an user can store all his/her files in the google drive. Here files can be of any form ranging from documents to audio / video or image files. In free account each user will be given around 15 GB of free data space to be stored. We can create folders and subfolders in the Google Drive to store our data. Each file will be stored in Google cloud with a unique URL and it’s up to the user to make the file sharable or not. Google Drive is reliable and if an user has different devices and if he/she wants to access those files then Google Drive is needed in this case as he can have access to his file as all his files are stored in the cloud. The user does not need to install any kind of software in order to view these files.  Google docs is especially designed for viewing or editing or sharing the documents like Docs, Sheets, Slides, Forms. No need to install any software to access or edit these. And google doc can be sharable with editable option. There is an automatic mechanism to convert Microsoft documents to Google Docs.  Google Docs: Google docs is a broader term for Google sheets, Google slides and Google forms.  Google Sheets: Just like Microsoft excel sheet Google sheets has almost all of the functionalities. Google sheets can be shared with other people and can concurrently work on it and can edit it. We can change the font size, type as we want. We can use the formulas to calculate some mathematical expressions. This can be readily transformed to .csv or .xlsx format.  Google Slides: Just like Microsoft PowerPoint presentation, Google has Googleslides. We can do small animations, transformations of slides. This can be shared with other people to edit this on real time basis. We can change the font size, type of these as we want.  Google Forms: Out of all Google docs this is the most powerful tool when anyone wants to collect data from other people. One can make a Google form and can share it via the link. The one who opens this link will see a form to fill. We can add many different types of survey questions with multiple choice or Multiple options, or text entries or date entries or choose from a list entry. This google forms can be used to conduct surveys within a close group like teachers, students or employees.  <https://www.technokids.com/blog/apps/reasons-to-use-google-forms-with-your-students/>  In a broader picture Google docs is just a subset of Google Drive  Setting up a gmail account for the project  Taking screenshots during this process  Making the project setup for the code  Restructuring the code with more details  Python Google Drive API:  Before writing the Python interface for Google Drive, we need to setup an email account, with that email account we will get a set of google services and one of them is Google Drive with 15 GB overall storage.  After that we need to go through the Google Drive Quick start guide given below:  <https://developers.google.com/drive/api/v3/quickstart/python>  There we can see Enable API option as shown in the below picture:    Once we enable that we will get credentials.json file where all of our credentials are stored that can be used to communicate with our Google Drive through Python Interface.  After that, we will be redirected to a page where we need to create our own project as shown in the below picture: |
| After that, we need to obtain the client\_secret file as shown below:  Once all these steps are done correctly, then we can use the Python program interface to transfer the files between our Python program and Google Drive. |

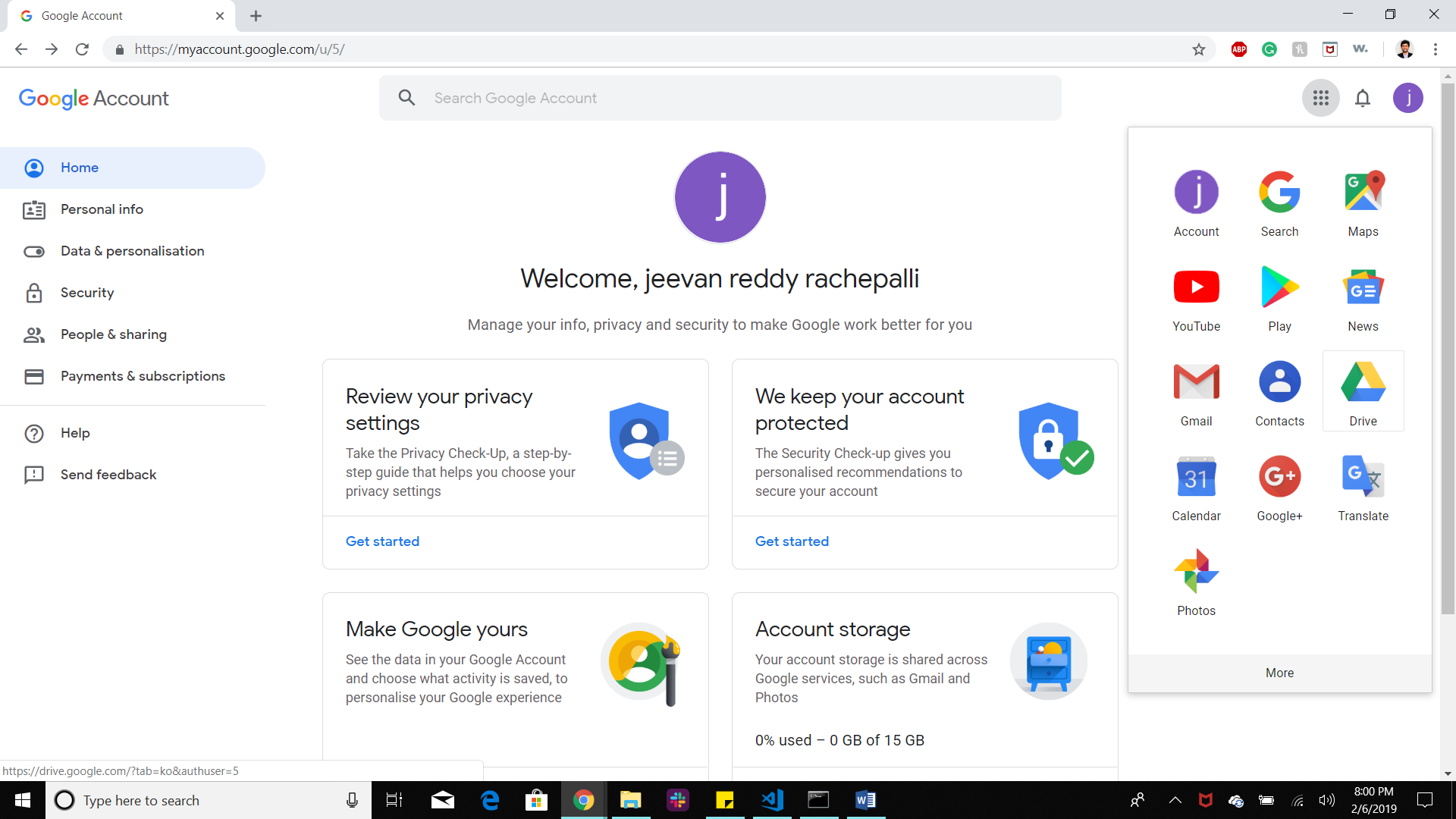


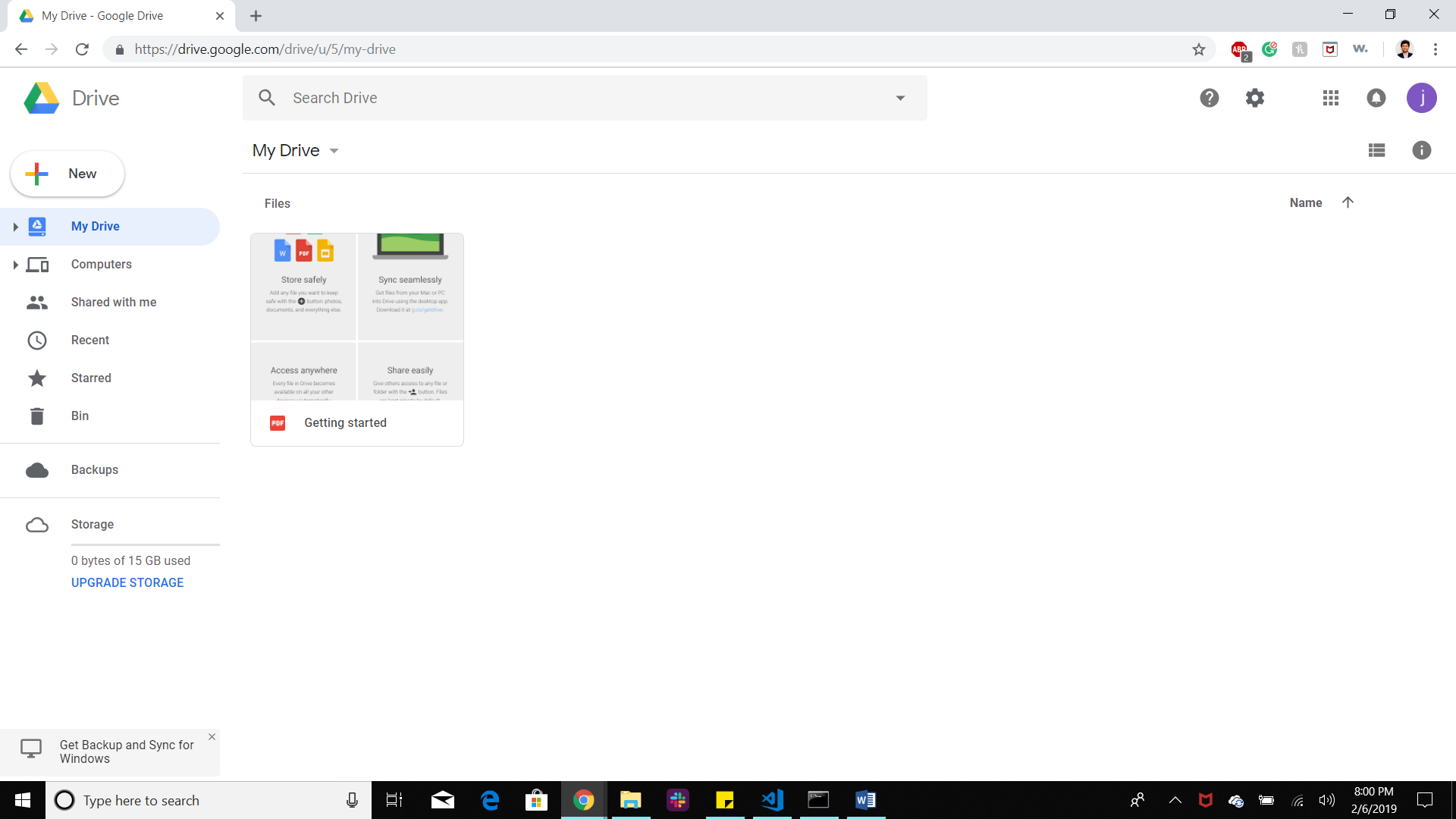




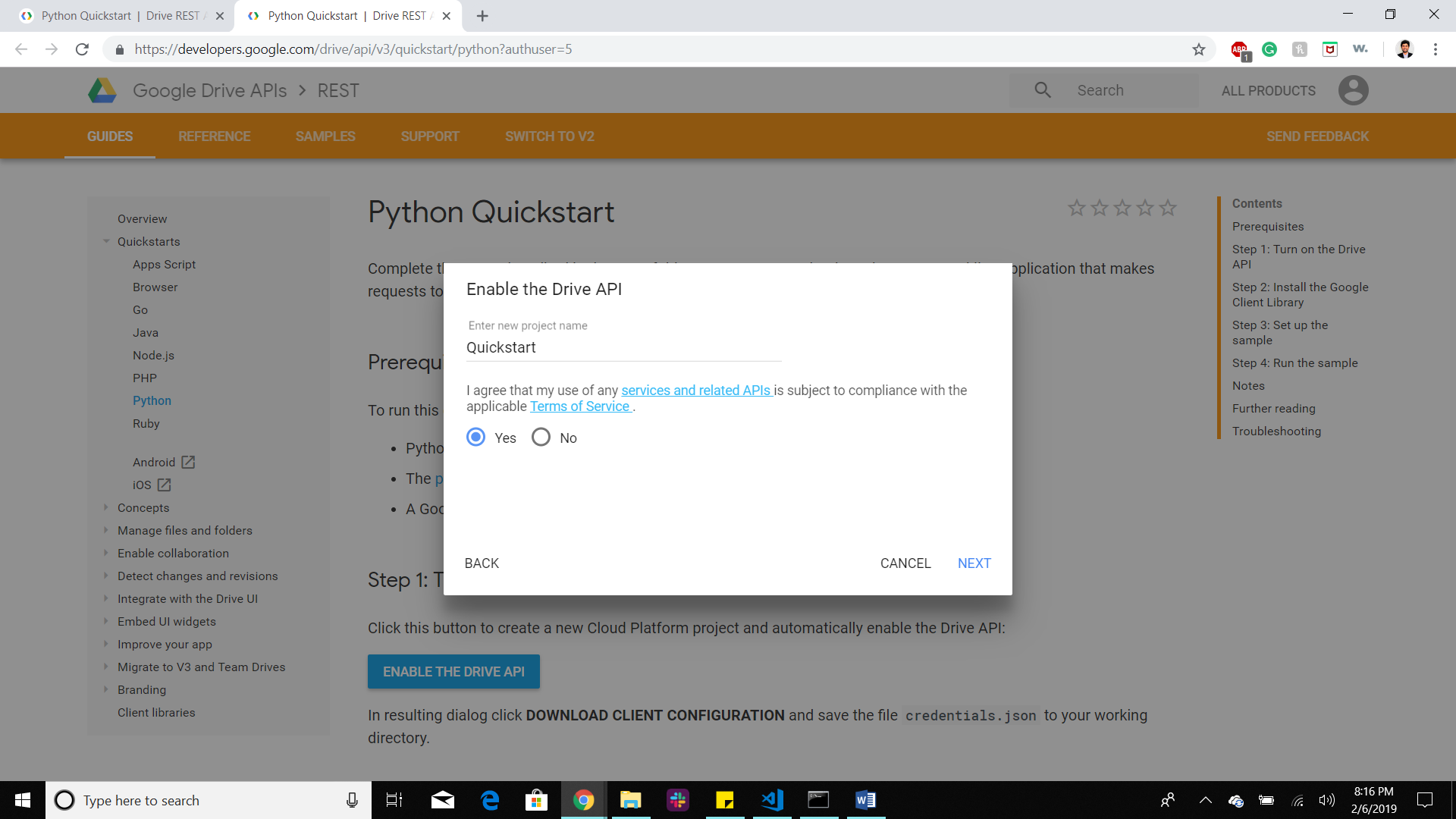


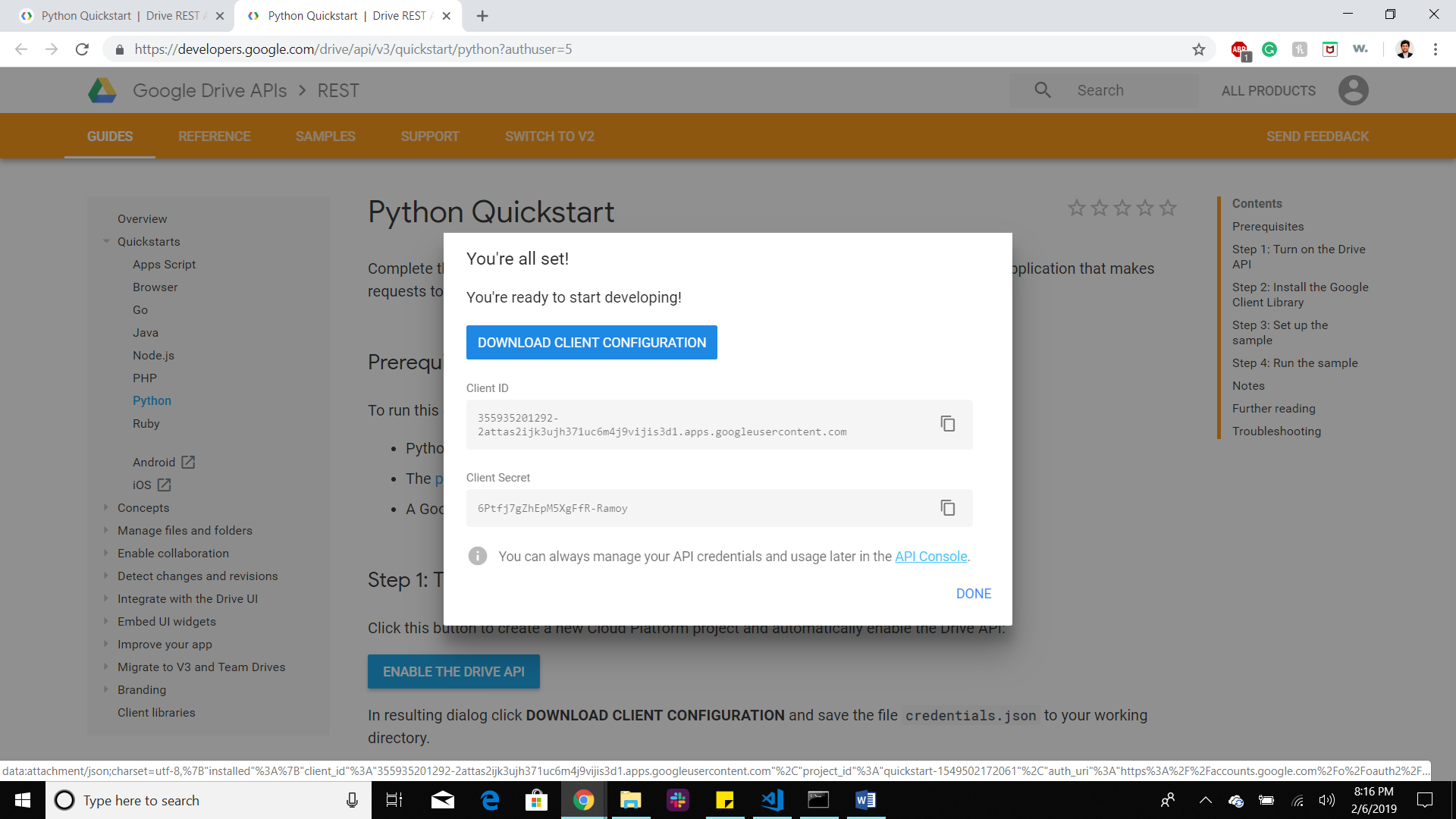




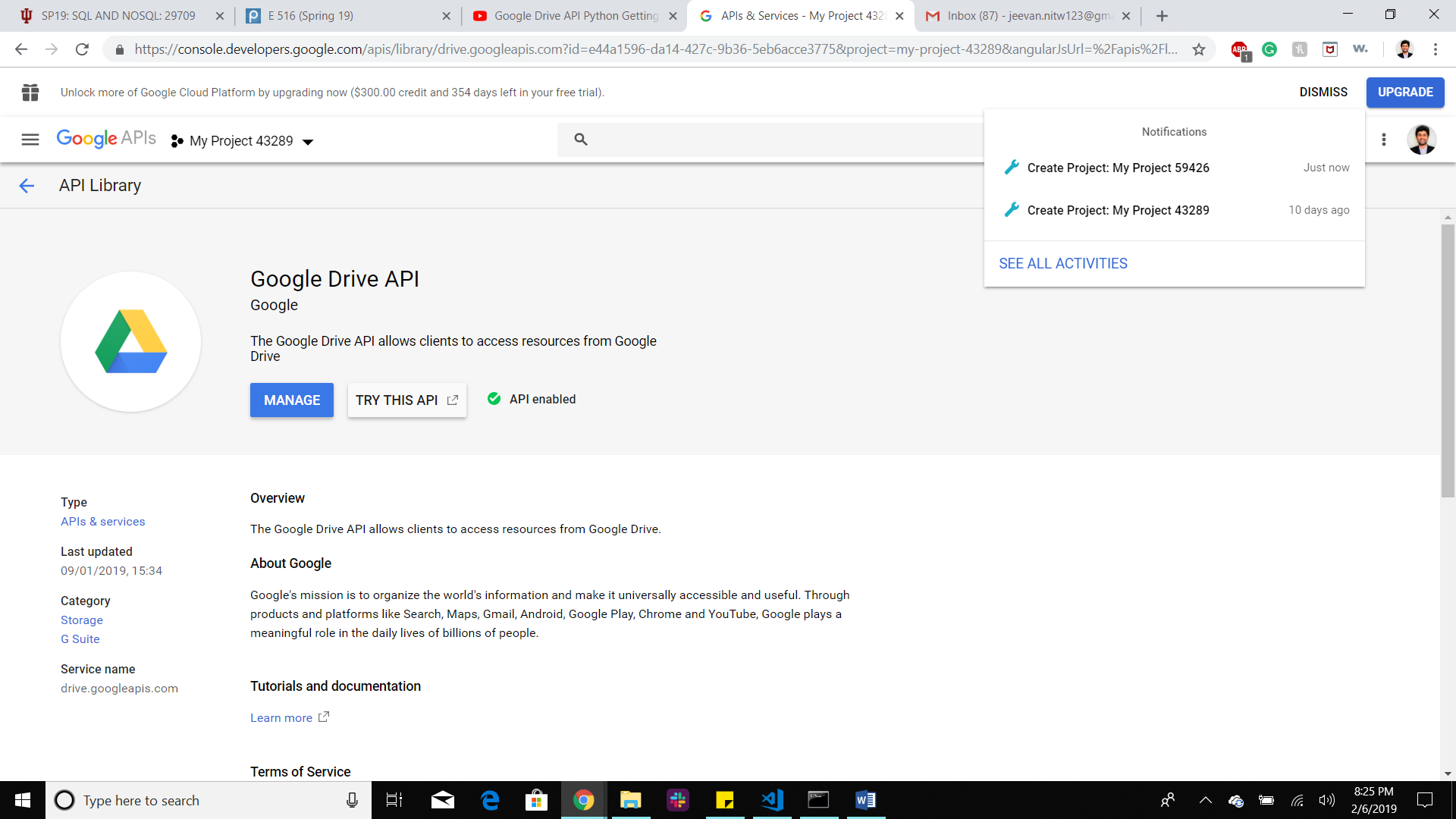


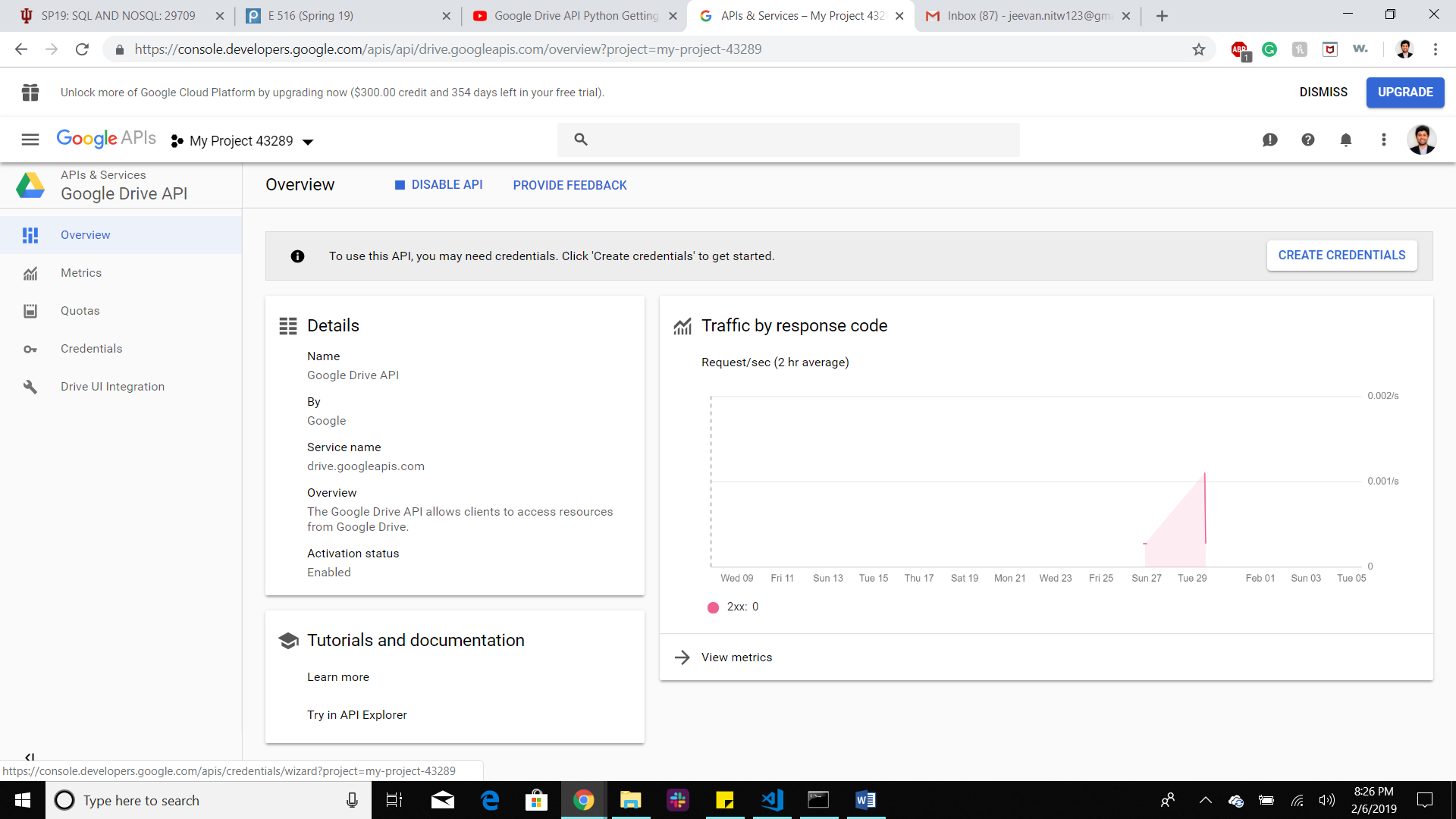
<https://developers.google.com/drive/api/v3/quickstart/python>

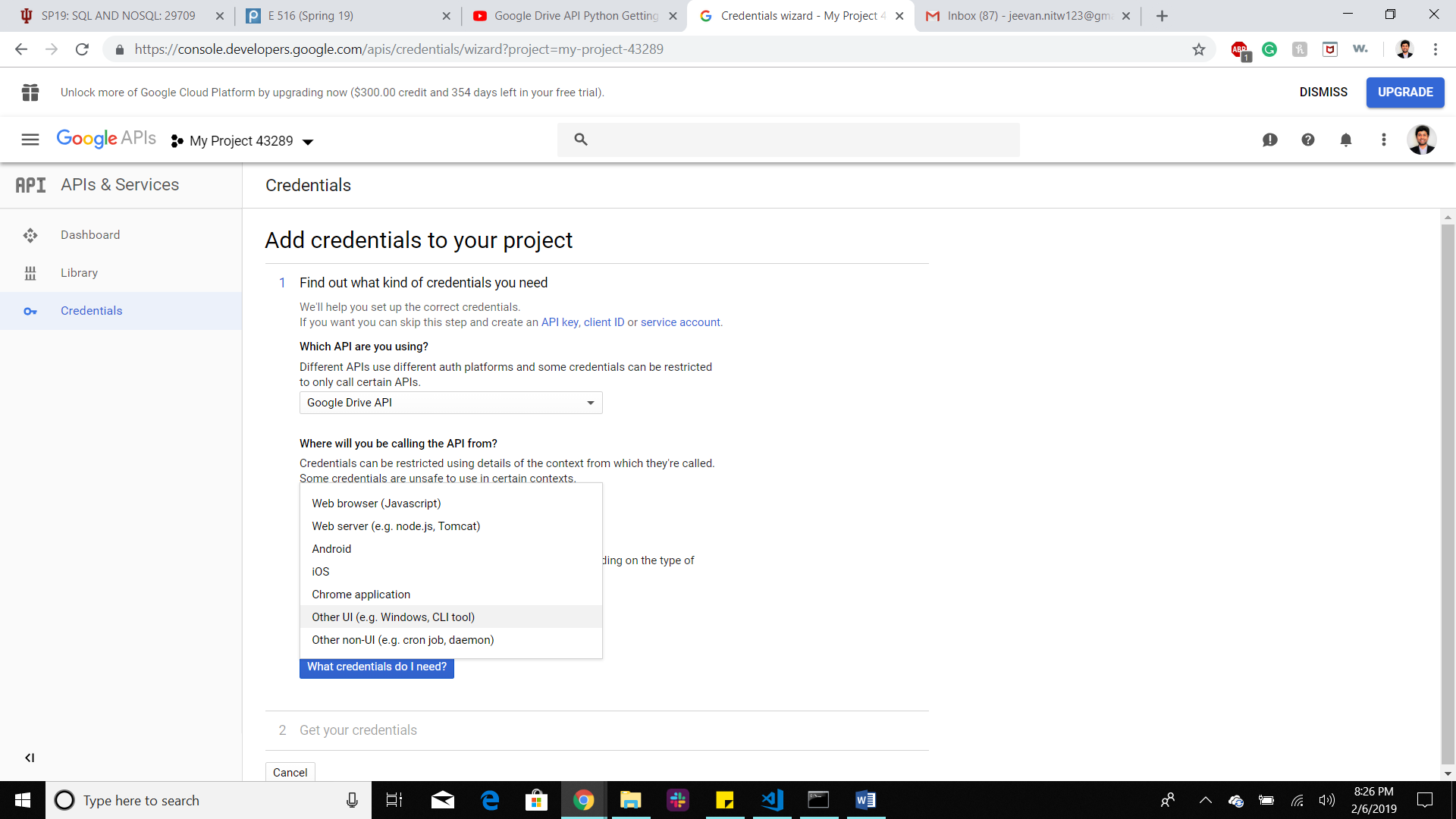
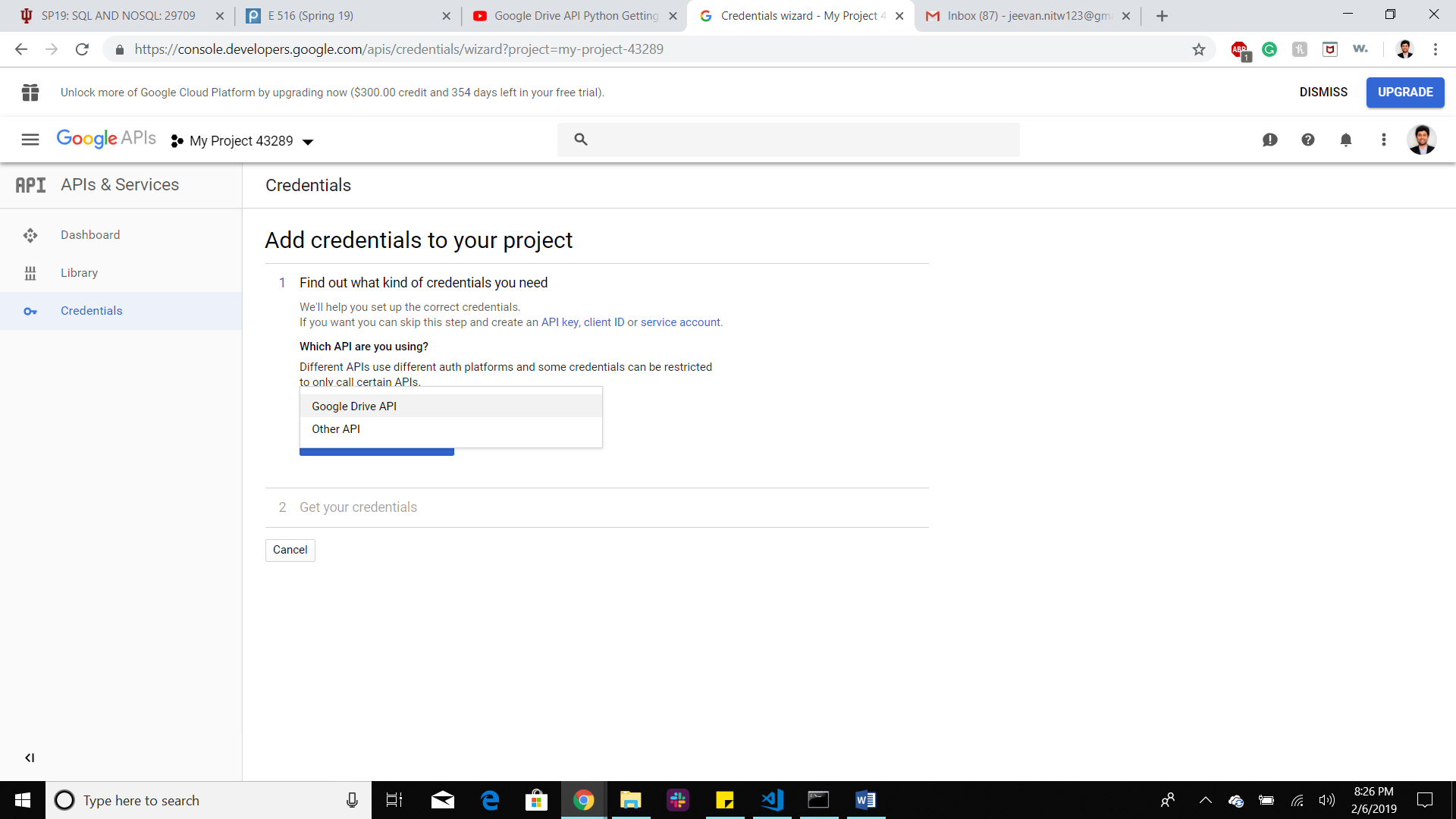


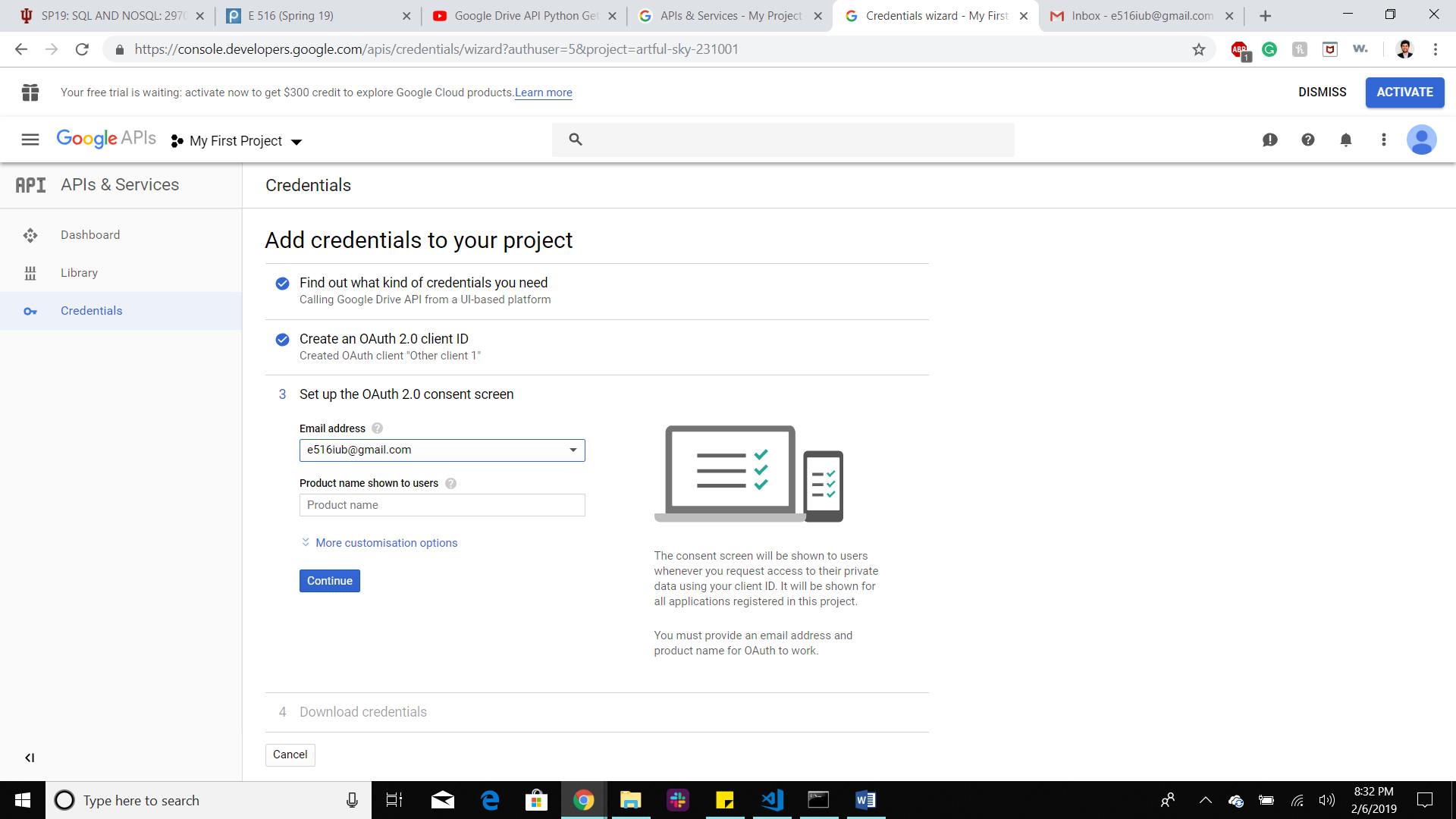


We will get credentials.json

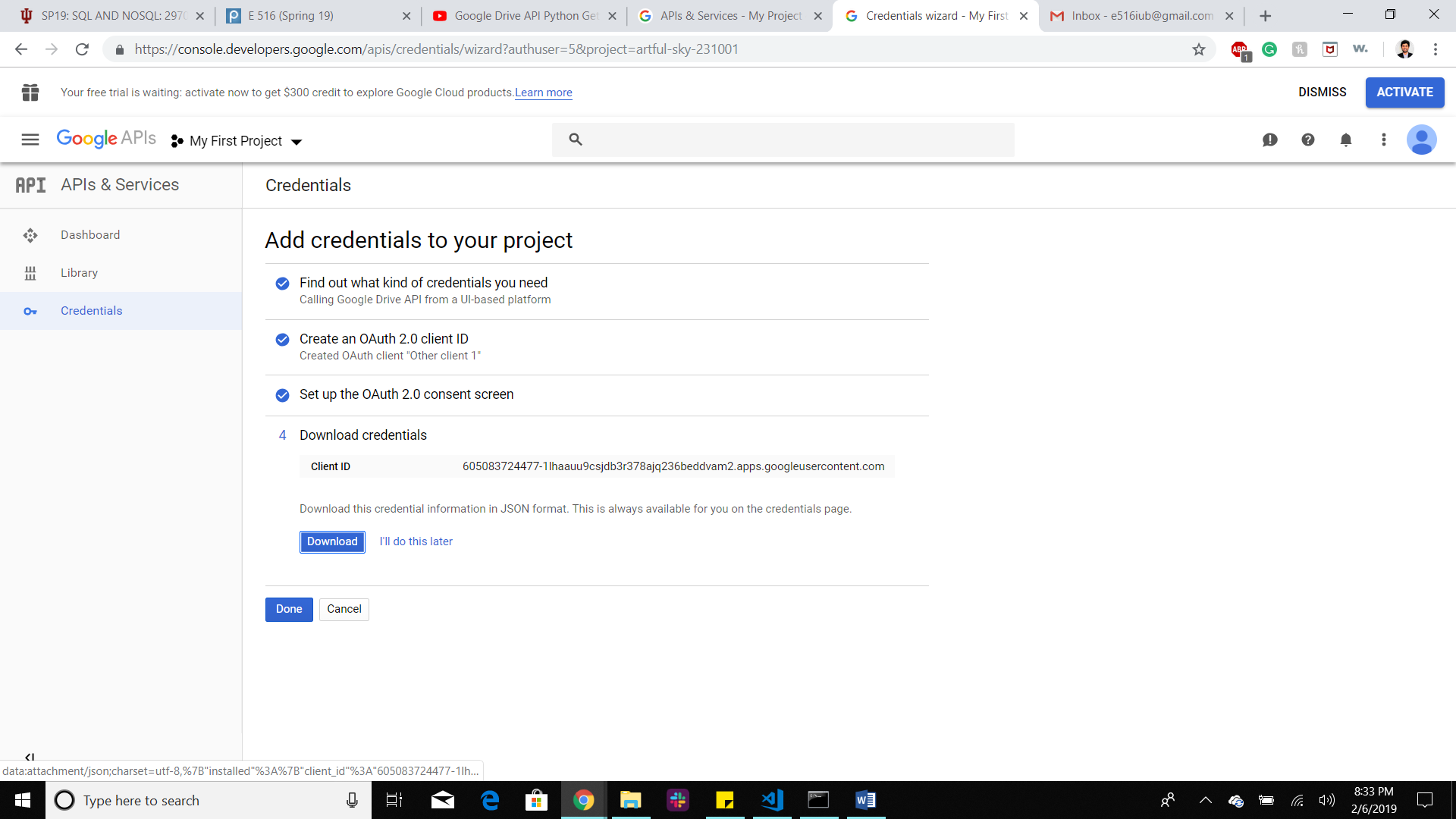








Google Drive API Tutorial



Client\_id.json

