

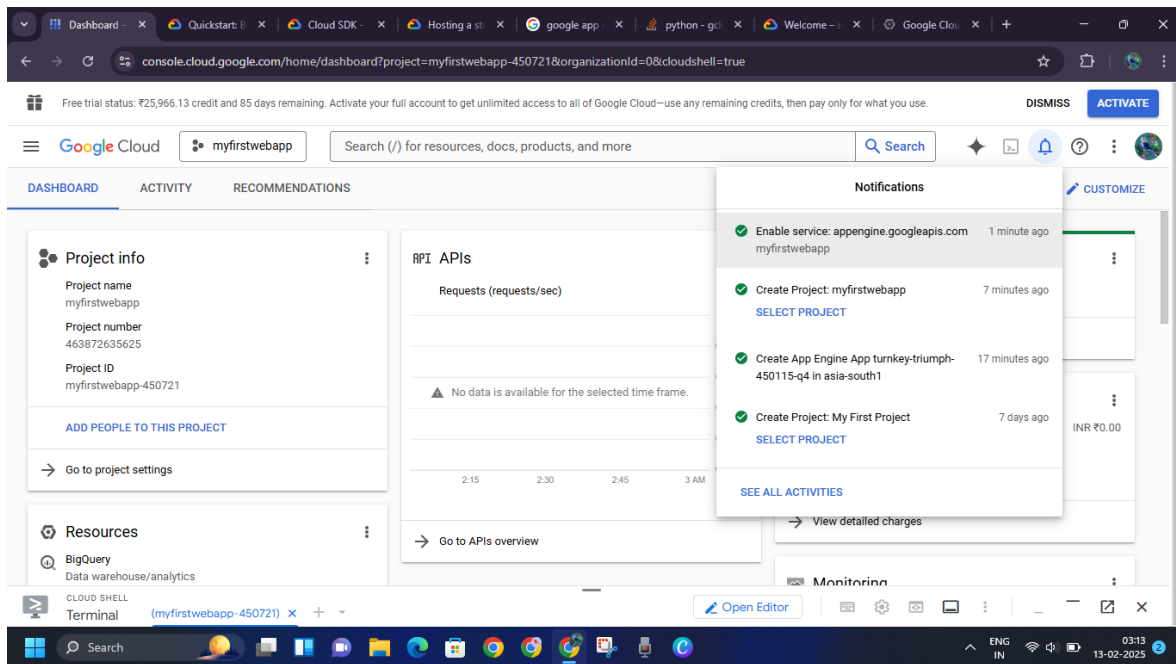
Name: **Piyusha Rajendra Supe**

Enrolment Number: **23CO315** (TE-B)

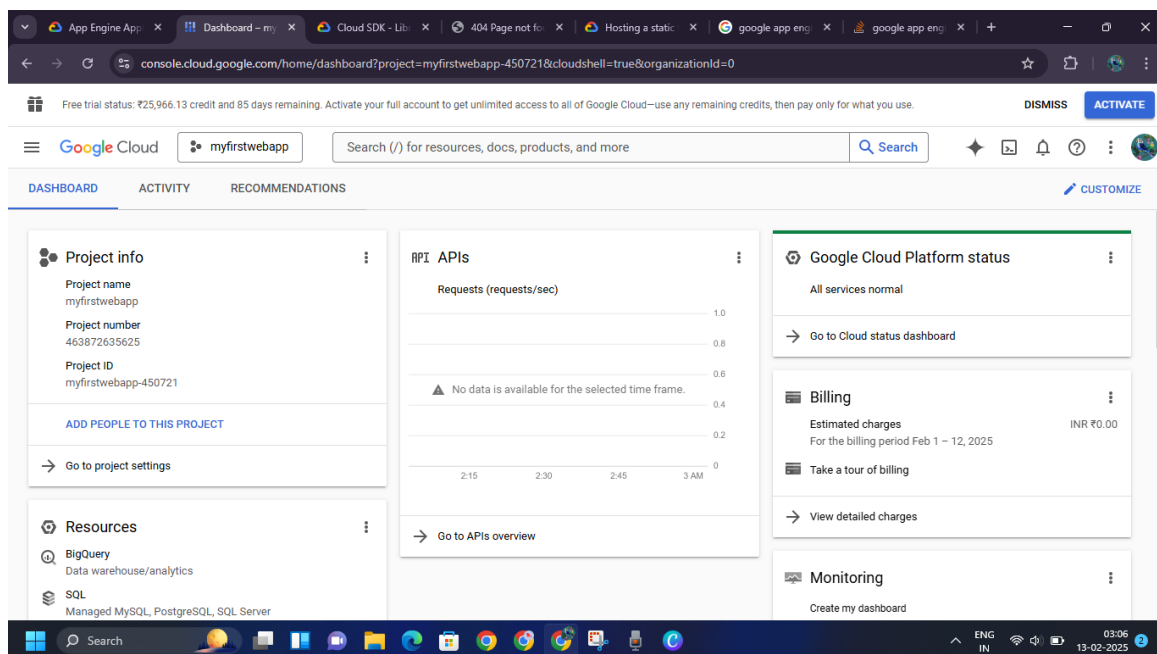
Practical 02

Aim: Installation and configure Google App Engine

[1] Firstly when you open google cloud account, make sure the auto-payments and admin billing is enabled



[2] Then create a new project and select and access it

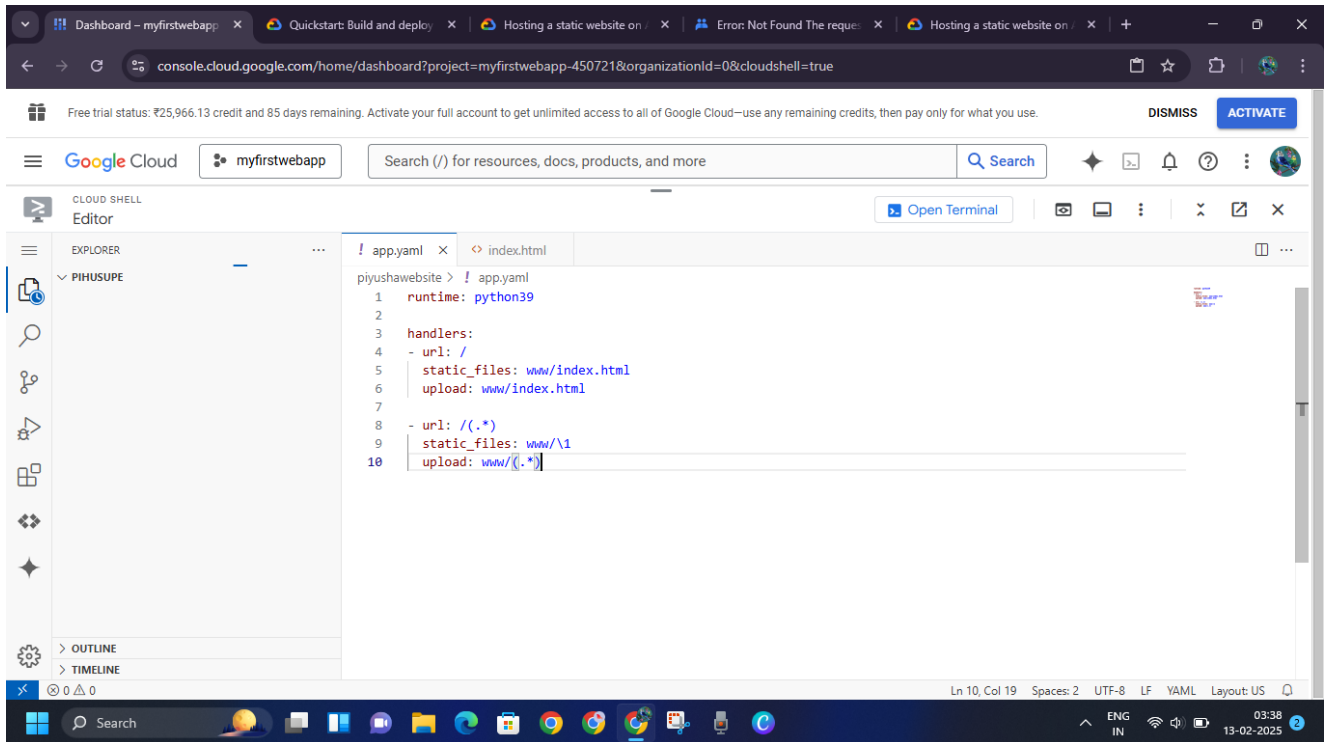


The screenshot shows the Google Cloud console interface. The top navigation bar includes the Google Cloud logo, a search bar, and various icons. The main content area is titled 'Manage resources' and features a 'Resources' table. The table has columns for Name, ID, Last accessed, Status, Charges, and Carbon emission. The 'Resources' table lists several projects, including 'My First Project' and 'My First Project'. A 'Notifications' panel is open on the right, showing a list of notifications, including 'Create Project: myfirstwebapp' and 'Create App Engine App turnkey-triumph-450115-q4 in asia-south1'. The bottom of the screenshot shows the Windows taskbar with various application icons and the system clock.

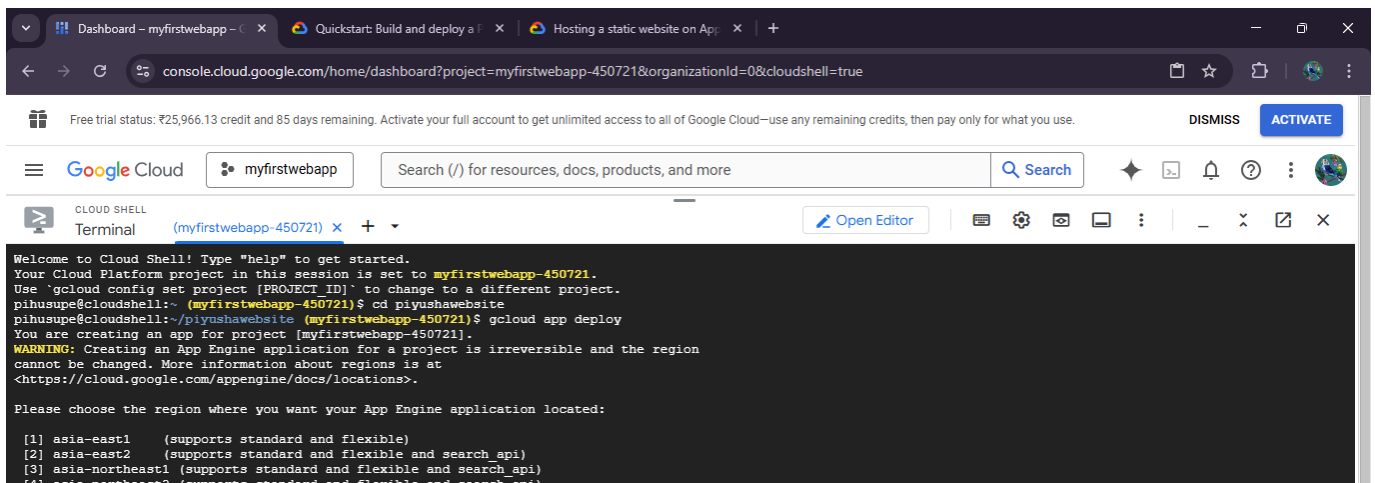
[3] Then create **directories** as below structure

The screenshot shows the Google Cloud console interface with the Cloud Shell editor open. The left sidebar displays the 'EXPLORER' view, showing a file structure for 'PIYUSHUPE' with subdirectories 'piyushawebsite', 'www', and 'css'. The 'index.html' file is selected. The main editor area shows the content of 'index.html', which is an HTML document with a meta charset of 'UTF-8', a viewport content of 'width=device-width, initial-scale=1.0', and a title of 'Personal Bucket List Piyusha Supe'. The code includes CSS styles for the body and header/footer. The bottom of the screenshot shows the Windows taskbar with various application icons and the system clock.

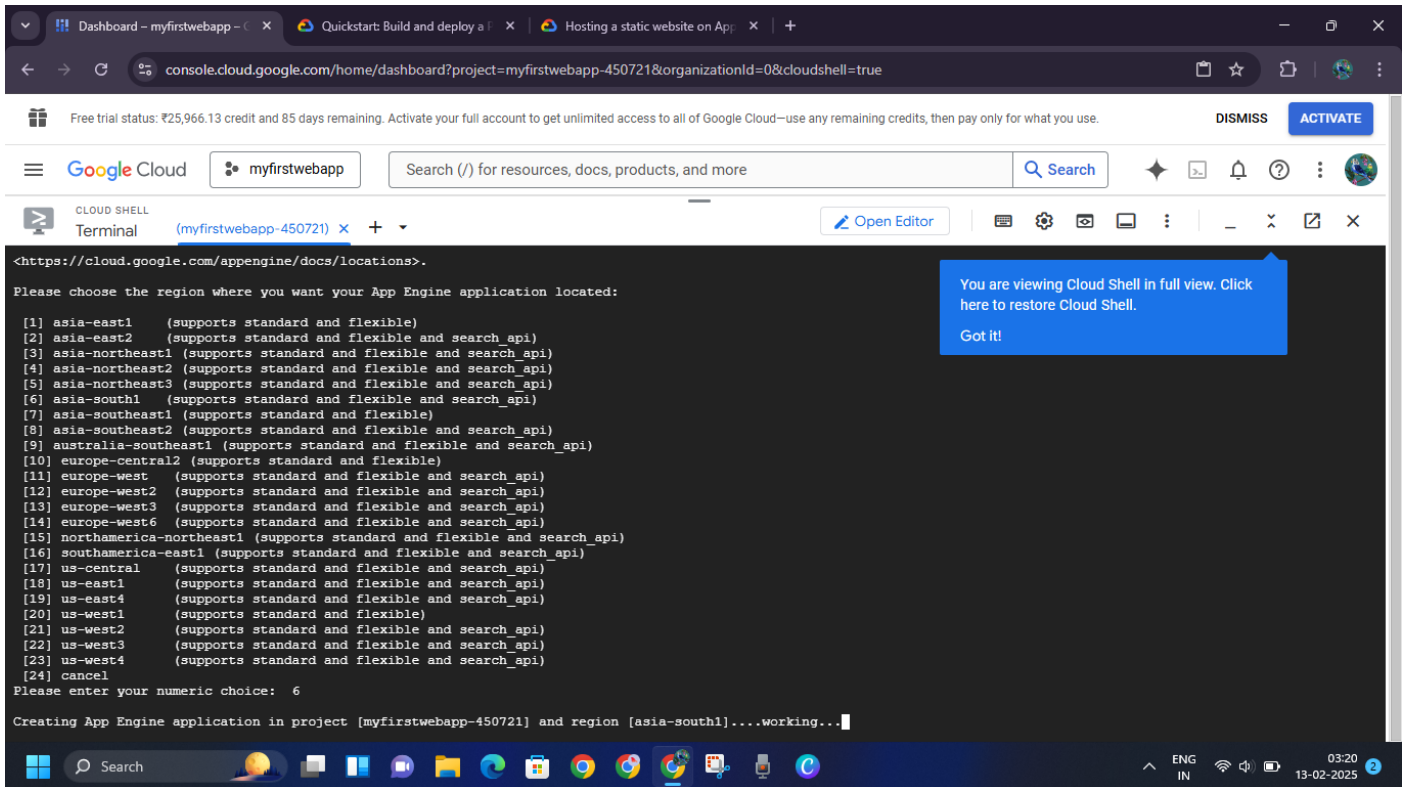
[4] Add your **app.yaml** file and all other files of your website in respective folders as per directory tree above



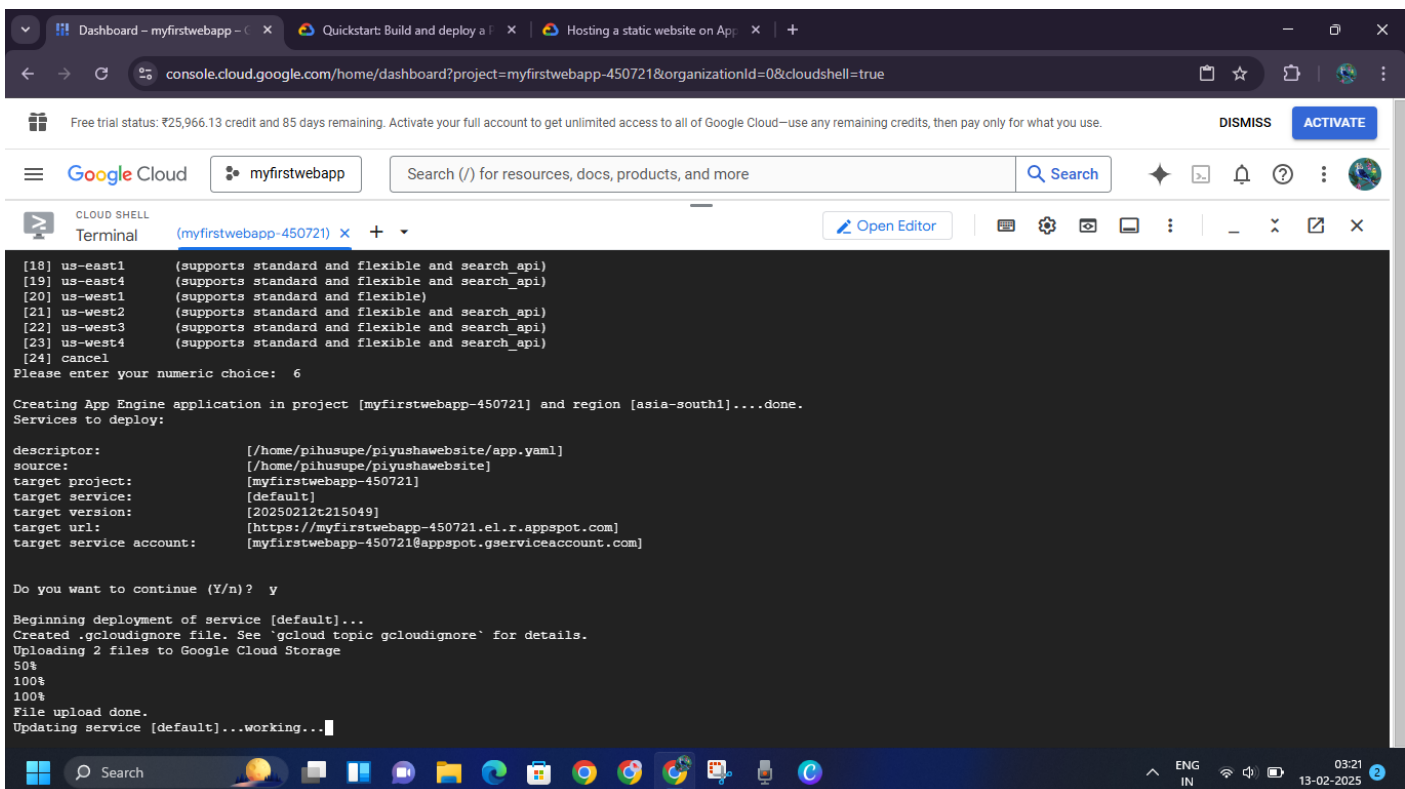
[5] Now access the command line and change directory to the root folder of your website, in my case it is 'cd piyushawebsite'



[6] Then select your region very carefully as it cannot be undone later on. For India prefer to go with “asia-south1(Mumbai)”



[7] Now deploy your project using command “gcloud app deploy”



[8] Then simply access your website hosted on the given link by using command “**gcloud app browse**”

```

pihusupe@cloudshell:~/piyushawebsite (myfirstwebapp-450721) $ gcloud app deploy
Services to deploy:

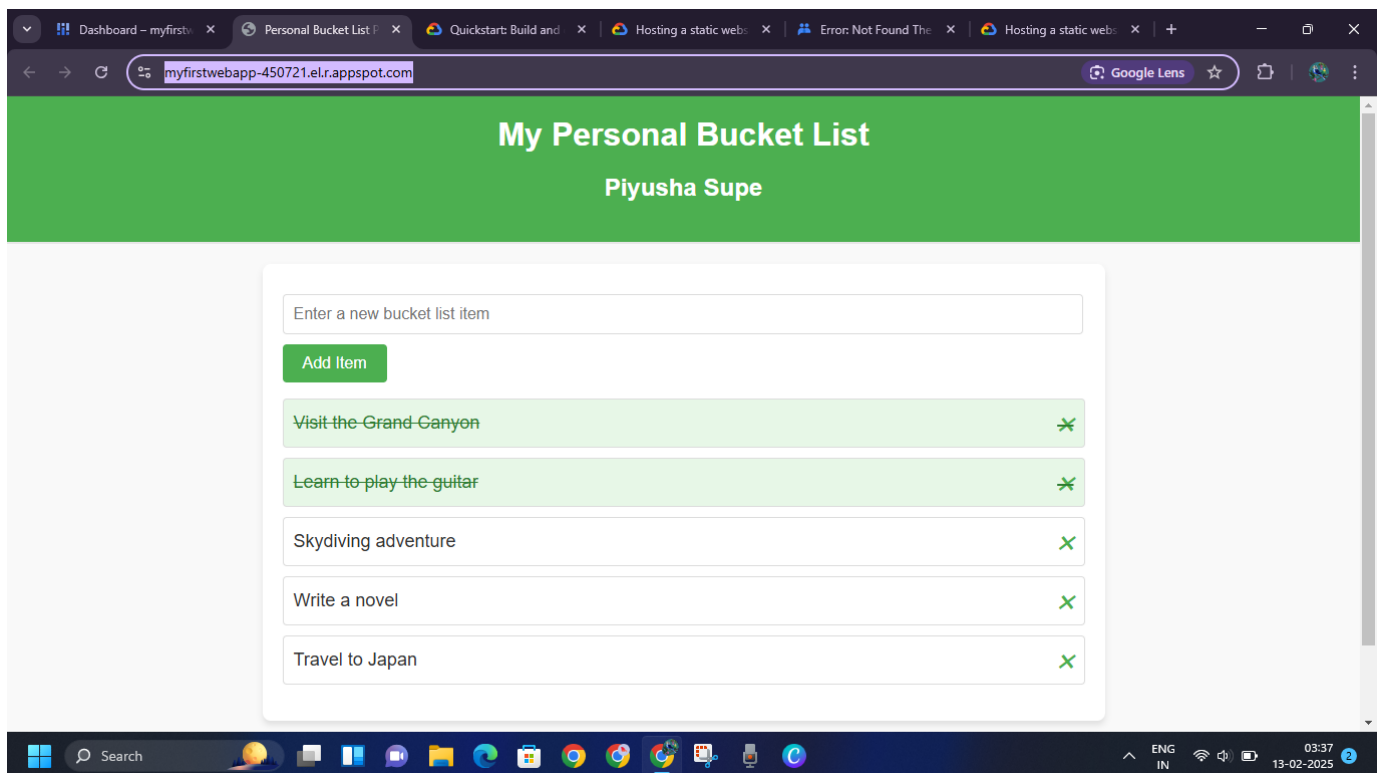
descriptor:      [/home/pihusupe/piyushawebsite/app.yaml]
source:          [/home/pihusupe/piyushawebsite]
target project:  [myfirstwebapp-450721]
target service:  [default]
target version:  [20250212t215441]
target url:      [https://myfirstwebapp-450721.el.r.appspot.com]
target service account: [myfirstwebapp-450721@appspot.gserviceaccount.com]

Do you want to continue (Y/n)? y
Beginning deployment of service [default]...
Uploading 0 files to Google Cloud Storage
100%
File upload done.
Updating service [default]...done.
Setting traffic split for service [default]...done.
Deployed service [default] to [https://myfirstwebapp-450721.el.r.appspot.com]

You can stream logs from the command line by running:
$ gcloud app logs tail -s default

To view your application in the web browser run:
$ gcloud app browse
pihusupe@cloudshell:~/piyushawebsite (myfirstwebapp-450721) $ gcloud app browse
Did not detect your browser. Go to this link to view your app:
https://myfirstwebapp-450721.el.r.appspot.com
pihusupe@cloudshell:~/piyushawebsite (myfirstwebapp-450721) $
  
```

[9] Here is how a successfully hosted web app will look like



Conclusion: Thus I have successfully configured a web app on Google app Engine.