



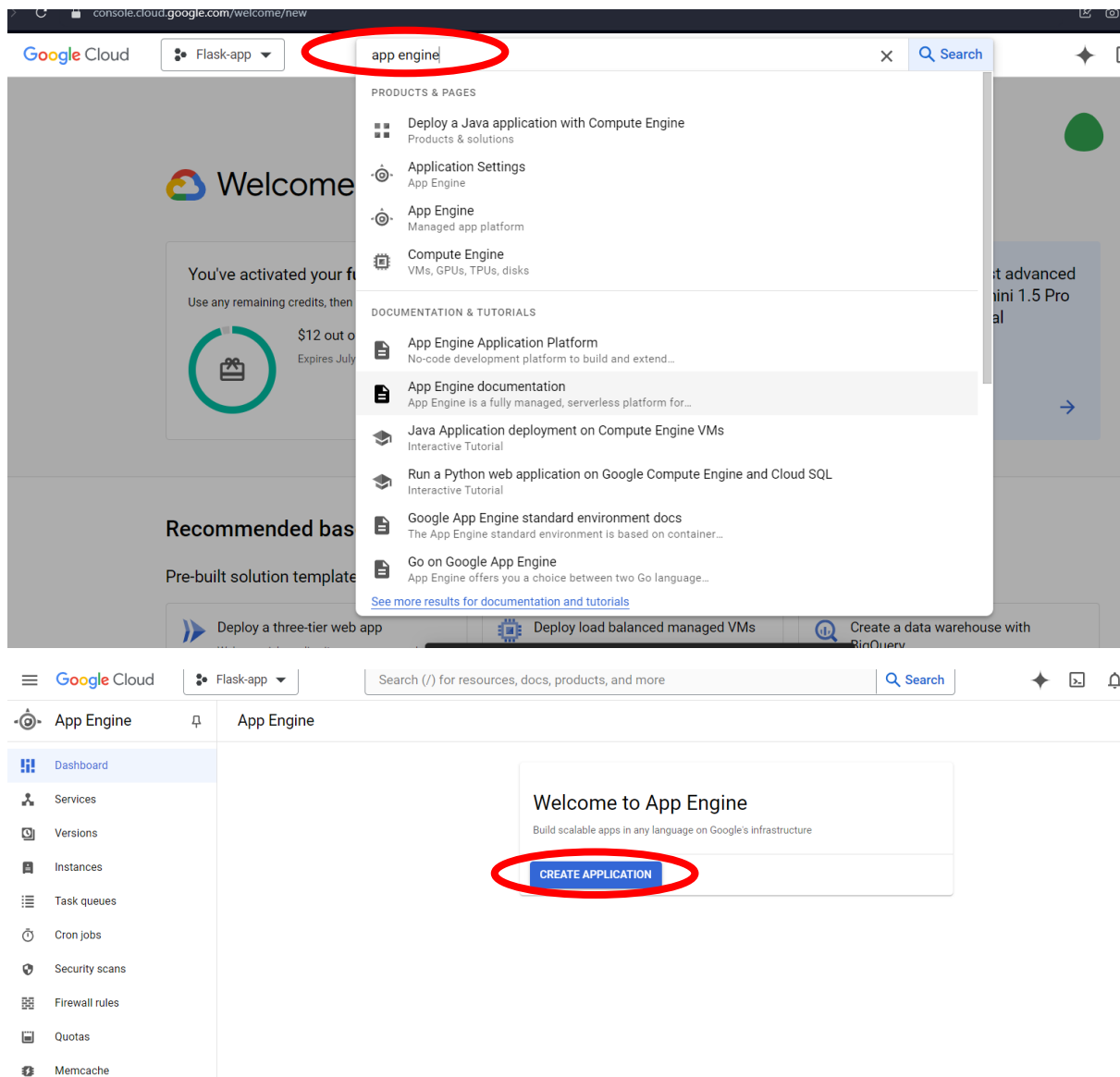
**Google Cloud platform project**

**Deploy Flash app on Google Cloud (App Engine)**

**By: Sadeem Khalid Alqarni**

## App Engine Settings:

These are the steps of how to make your first application.



The application settings:

Google Cloud

Flask-app

Search (/) for resources, docs, products, and more

Search

App Engine

Create app

Dashboard

Services

Versions

Instances

Task queues

Cron jobs

Security scans

Firewall rules

Quotas

Memcache

Search

Settings


Release Notes

1 Configure application

2 Get started

Region

Select a region for your App Engine application. Please remember, once selected the region is permanently tied to the project.



Keyboard shortcuts | Map data ©2024 | Terms

Select a region \*

us-central

Identity and API access

Choose the API access.


Services

Task queues

Security scans

Firewall rules

Release Notes



Keyboard shortcuts | Map data ©2024 | Terms

Filter Filter

App Engine default service account

NEW SERVICE ACCOUNT REFRESH LIST

If no service account is selected the default App Engine service account will be used.

NEXT

Click Next.

Select a region \*  
us-central

### Identity and API access

Select a service account  
App Engine default service account

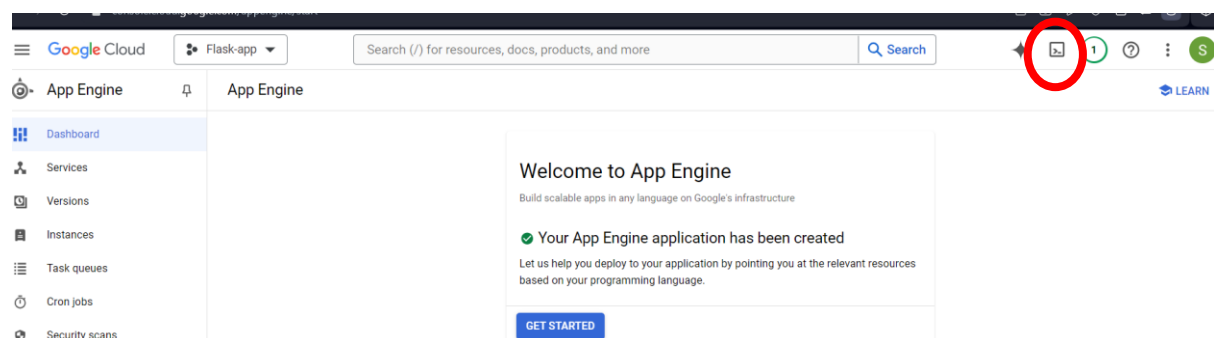
If no service account is selected the default App Engine service account will be used.

**NEXT**

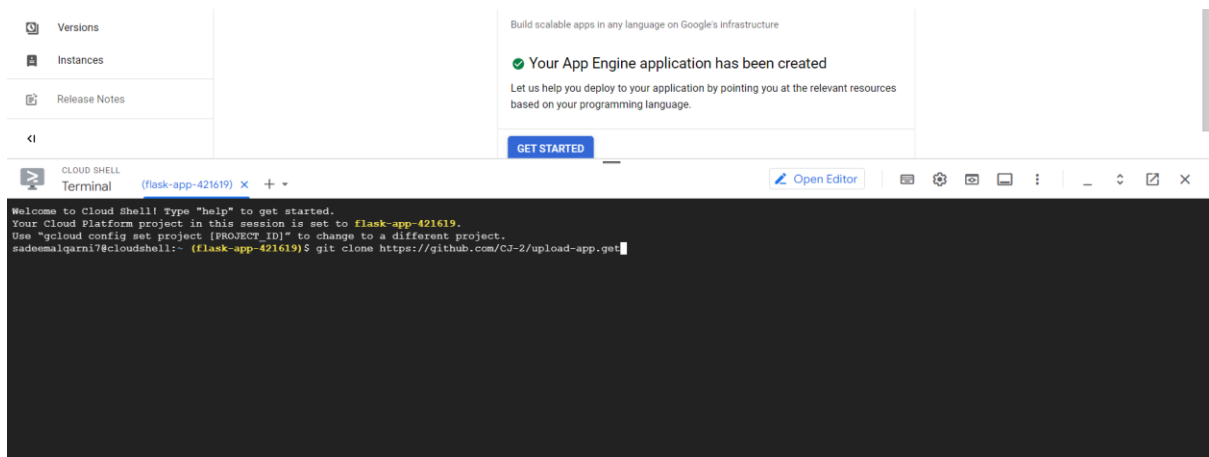
[I'LL DO THIS LATER](#)

Cloud Shell:

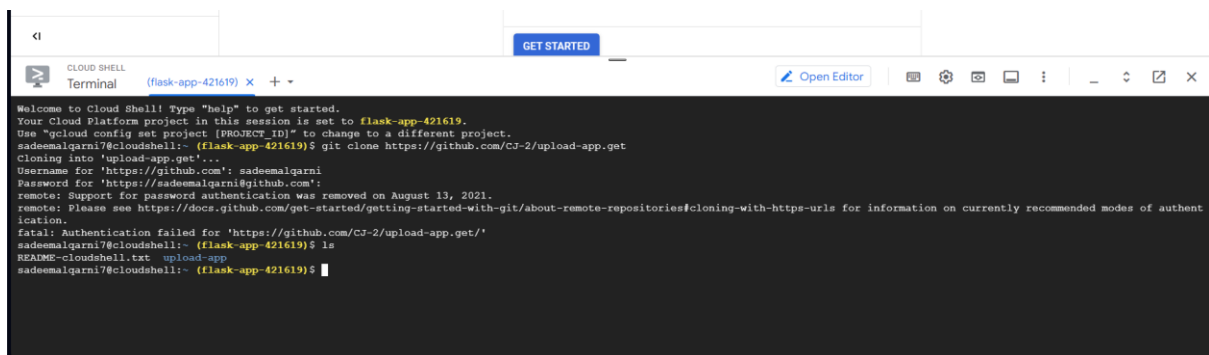
After we create our first application



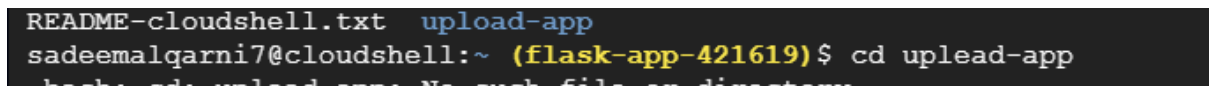
After we open the shell cmd: `git clone https://github.com/CJ-2/upload-app.get`



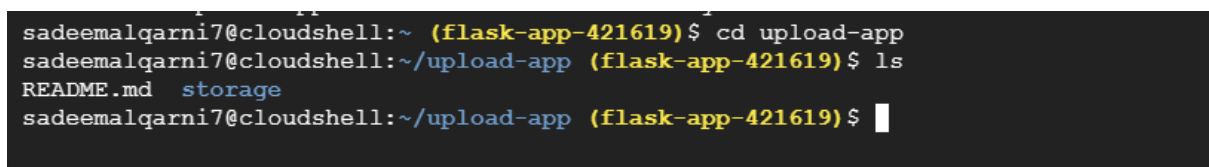
cmd: **ls**



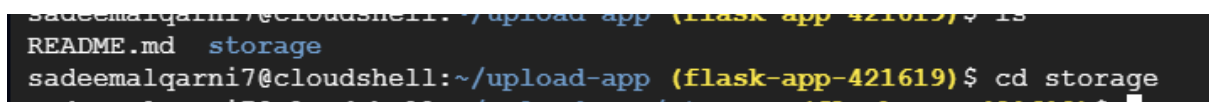
cmd: **cd upload-app**



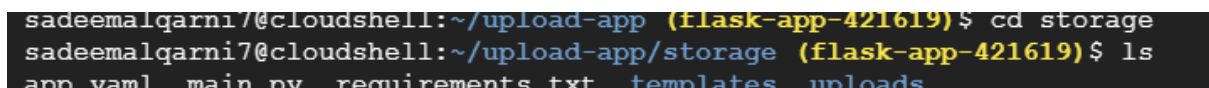
cmd: **ls**



cmd: **cd storage**



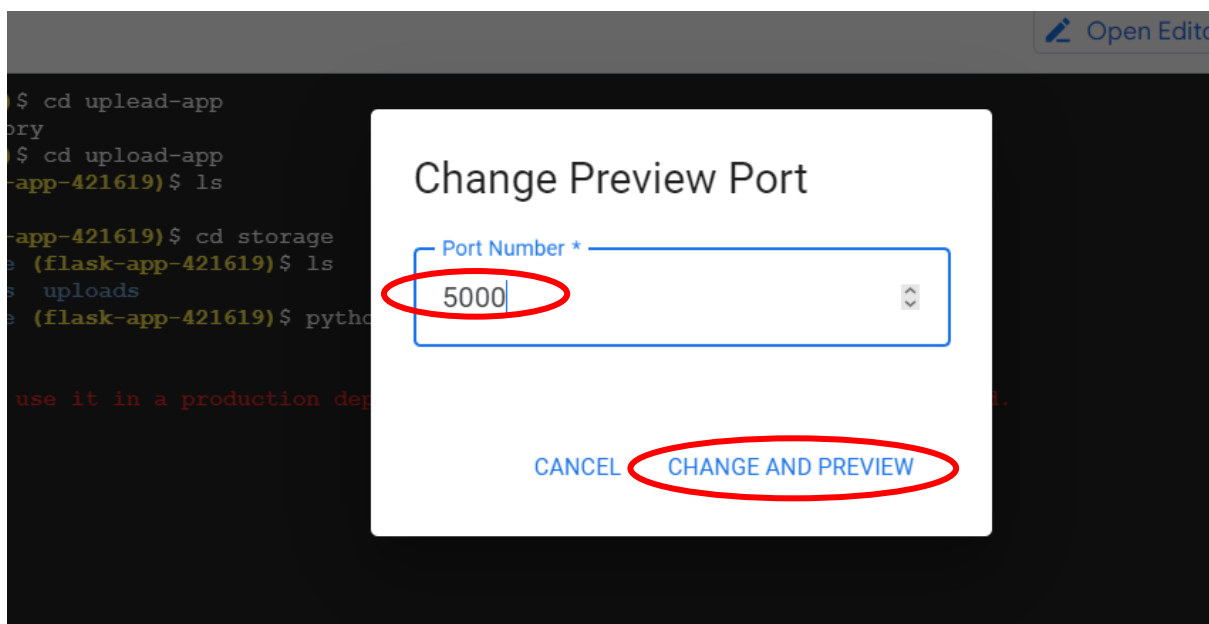
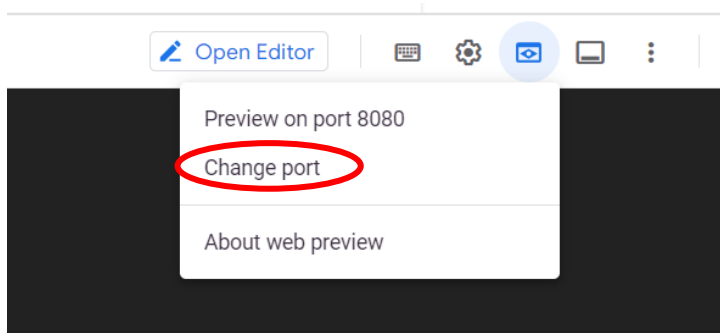
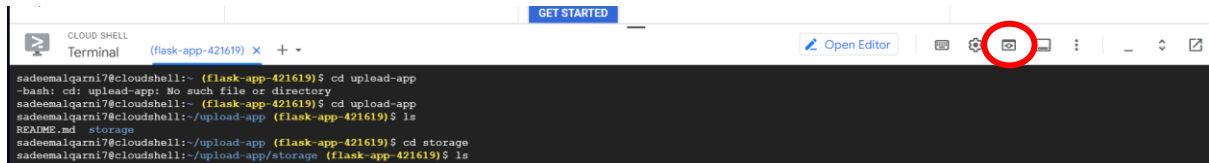
Cmd: **ls**

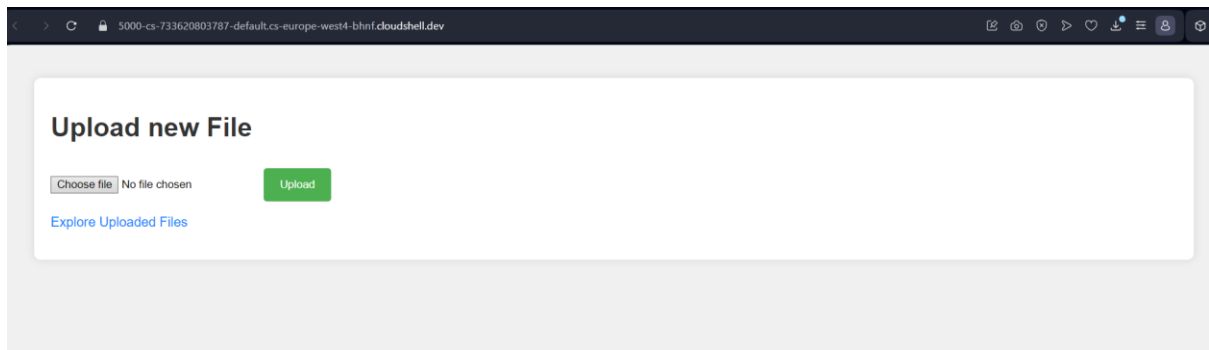


cmd: `python main.py`

```
sadeemalqarni7@cloudshell:~/upload-app/storage (flask-app-421619) $ python main.py
* Serving Flask app 'main'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://10.88.0.4:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 133-844-066
```

Click on web preview and follow the steps:

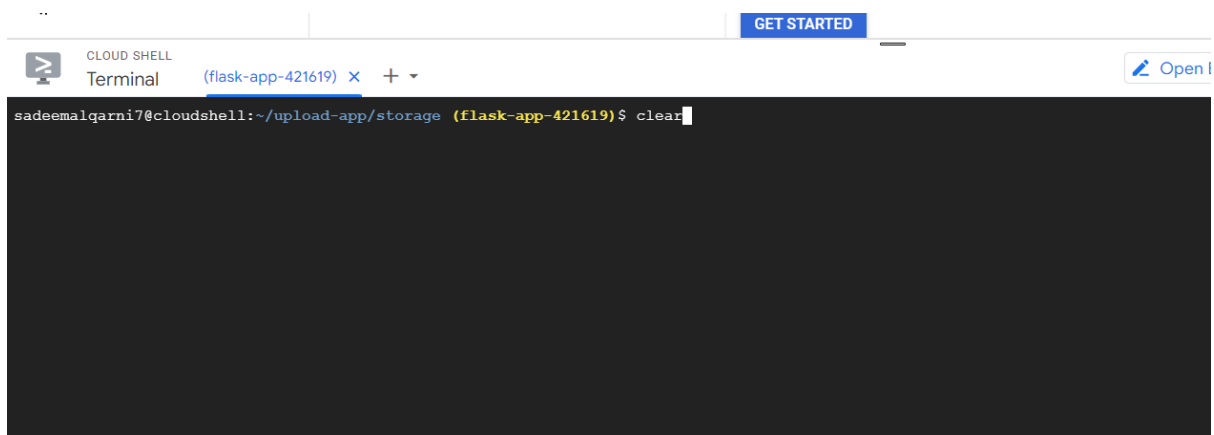




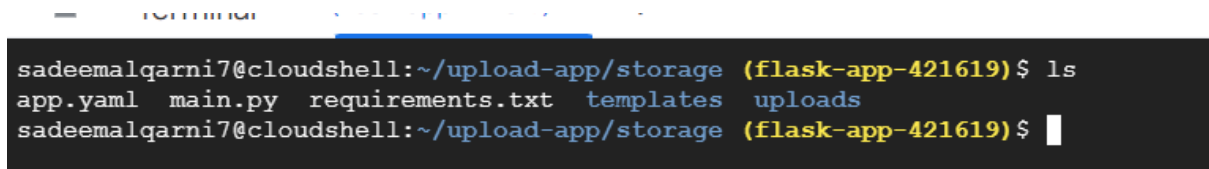
Return to shell and cmd: **CTRL+C**

```
sadeemalqarni7@cloudshell:~/upload-app/storage (flask-app-421619) $ ls
app.yaml  main.py  requirements.txt  templates  uploads
sadeemalqarni7@cloudshell:~/upload-app/storage (flask-app-421619) $ python main.py
* Serving Flask app 'main'
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://10.88.0.4:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 133-844-066
127.0.0.1 - - [27/Apr/2024 19:38:48] "GET /?authuser=1&redirectedPreviously=true HTTP/1.1" 200 -
127.0.0.1 - - [27/Apr/2024 19:38:48] "GET /favicon.ico HTTP/1.1" 404 -
```

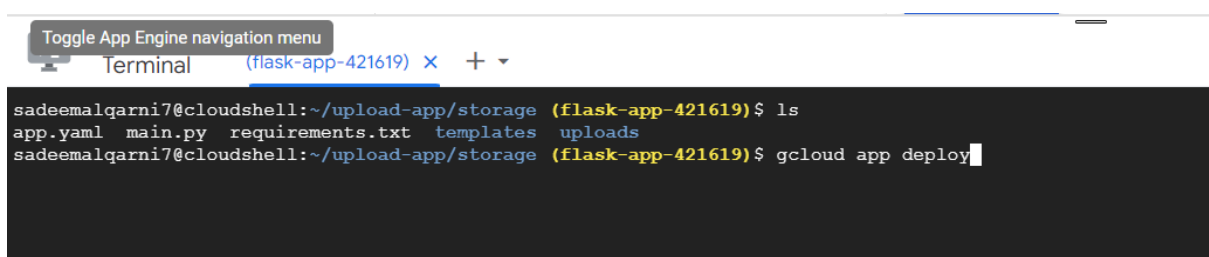
cmd: **Clear**



cmd: **ls**



cmd: **gcloud app deploy**



cmd: **y**

```
CLOUD SHELL
Terminal (flask-app-421619) X + ▾

sadeemalgarni7@cloudshell:~/upload-app/storage (flask-app-421619)$ ls
app.yaml main.py requirements.txt templates uploads
sadeemalgarni7@cloudshell:~/upload-app/storage (flask-app-421619)$ gcloud app deploy
Services to deploy:

descriptor:      [/home/sadeemalgarni7/upload-app/storage/app.yaml]
source:          [/home/sadeemalgarni7/upload-app/storage]
target project:  [flask-app-421619]
target service:  [default]
target version:  [20240427t194657]
target url:      [https://flask-app-421619.uc.r.appspot.com]
target service account: [flask-app-421619@appspot.gserviceaccount.com]

Do you want to continue (Y/n)? y
```

```
CLOUD SHELL
Terminal (flask-app-421619) X + ▾

target service:      [default]
target version:      [20240427t194657]
target url:          [https://flask-app-421619.uc.r.appspot.com]
target service account: [flask-app-421619@appspot.gserviceaccount.com]

Do you want to continue (Y/n)? y

Beginning deployment of service [default]...
Uploading 7 files to Google Cloud Storage
14%
29%
43%
57%
71%
86%
100%
100%
File upload done.
Updating service [default]...working..
```

```
CLOUD SHELL
Terminal (flask-app-421619) X + ▾

Uploading 7 files to Google Cloud Storage
14%
29%
43%
57%
71%
86%
100%
100%
File upload done.
Updating service [default]...done.
Setting traffic split for service [default]...done.
Deployed service [default] to [https://flask-app-421619.uc.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
sadeemalgarni7@cloudshell:~/upload-app/storage (flask-app-421619)$
```



cmd: **gcloud app browse**

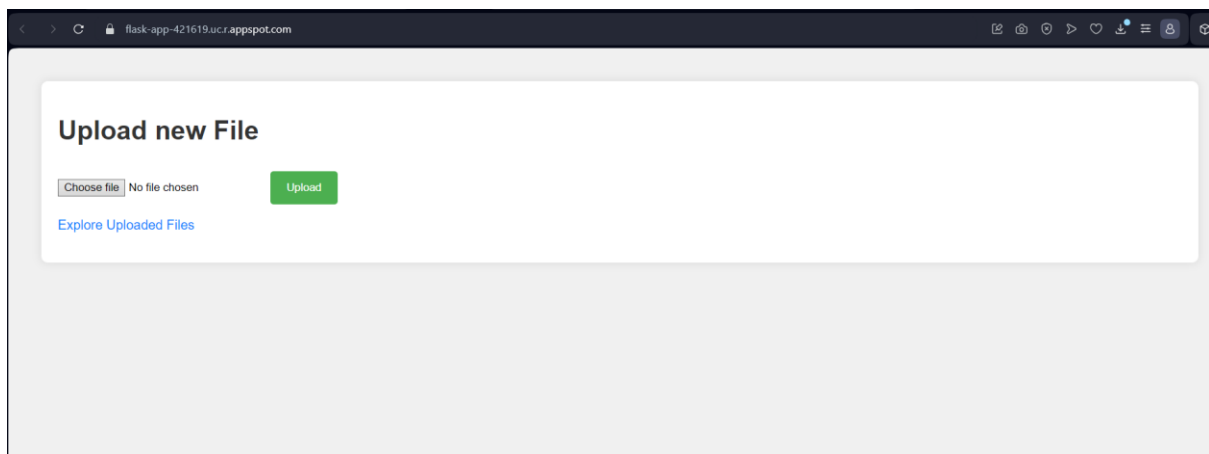
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$ gcloud app browse
sadeemalqarni7@cloudshell:~/upload-app/storage (flask-app-421619)$ gcloud app browse
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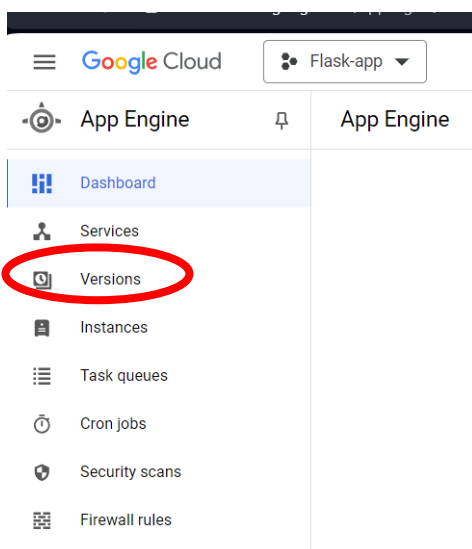
Click on the link

```
To view your application in the web browser run:
$ gcloud app browse
sadeemalqarni7@cloudshell:~/upload-app/storage (flask-app-421619)$ gcloud app browse
Did not detect your browser. Go to this link to view your app:
https://flask-app-421619.uc.r.appspot.com
sadeemalqarni7@cloudshell:~/upload-app/storage (flask-app-421619)$
```

Now the app is deployed.



Go back to the dashboard and select Versions.



Here is the version

Versions									
<div>REFRESHDELETESTOPSTARTMIGRATE TRAFFICSPLIT TRAFFICLEARN</div>									
<div>Filter Filter versions</div>									
<input type="checkbox"/>	Version	Status	Traffic Allocation	Instances	Runtime	Environment	Size	Service Account	
<input type="checkbox"/>	<a href="#">202404271194657</a>	Serving	<div></div> 100%	<a href="#">0</a>	python39	Standard	7 MB	flask-app-421619@appspot.gserviceaccount	