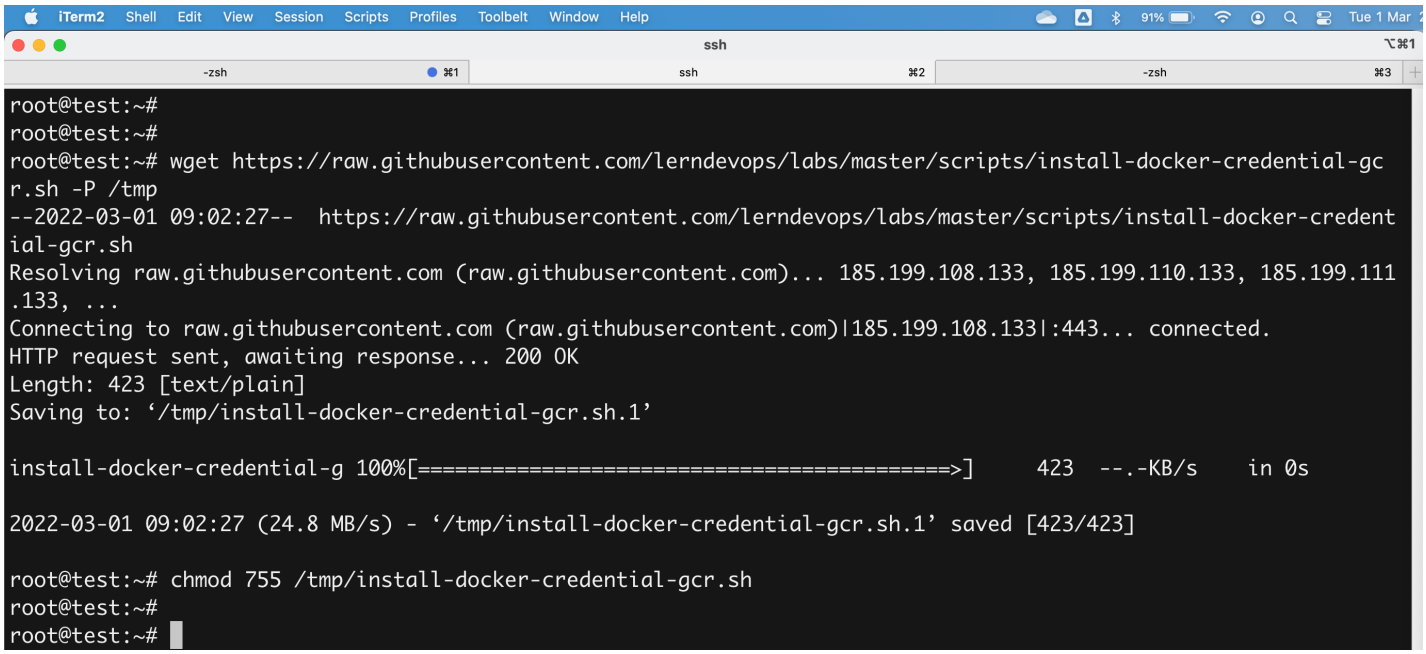
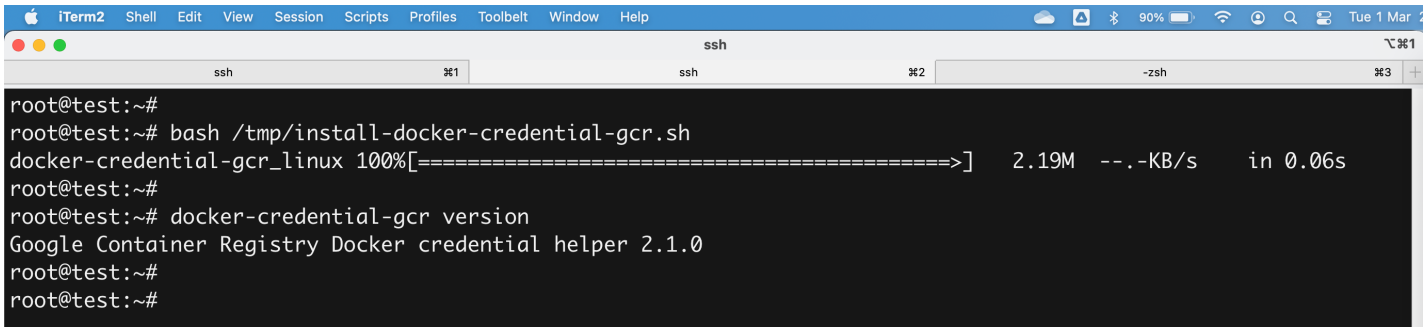
Authentication Process to GCR using “docker-credential-gcr” tool

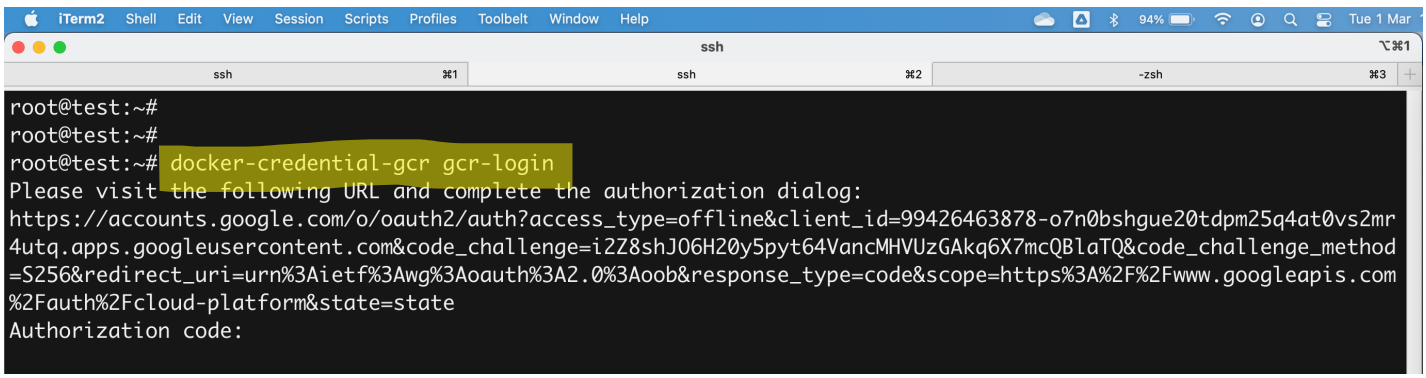
Install “docker-credential-gcr” tool

1) sudo su -
2) wget https://raw.githubusercontent.com/lerndevops/labs/master/scripts/install-docker-credential-gcr.sh -P /tmp
3) bash /tmp/install-docker-credential-gcr.sh



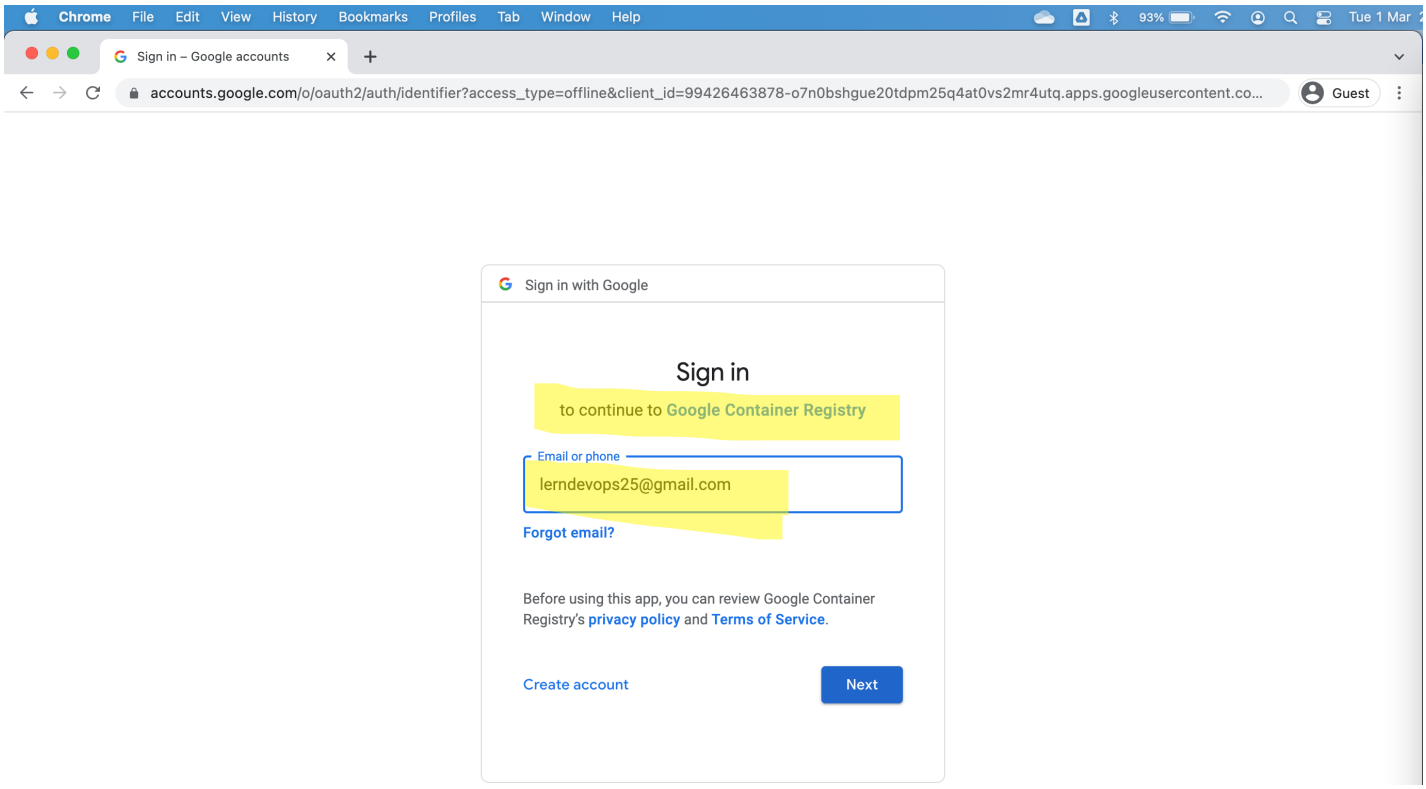


login to GCR → docker-credential-gcr gcr-login

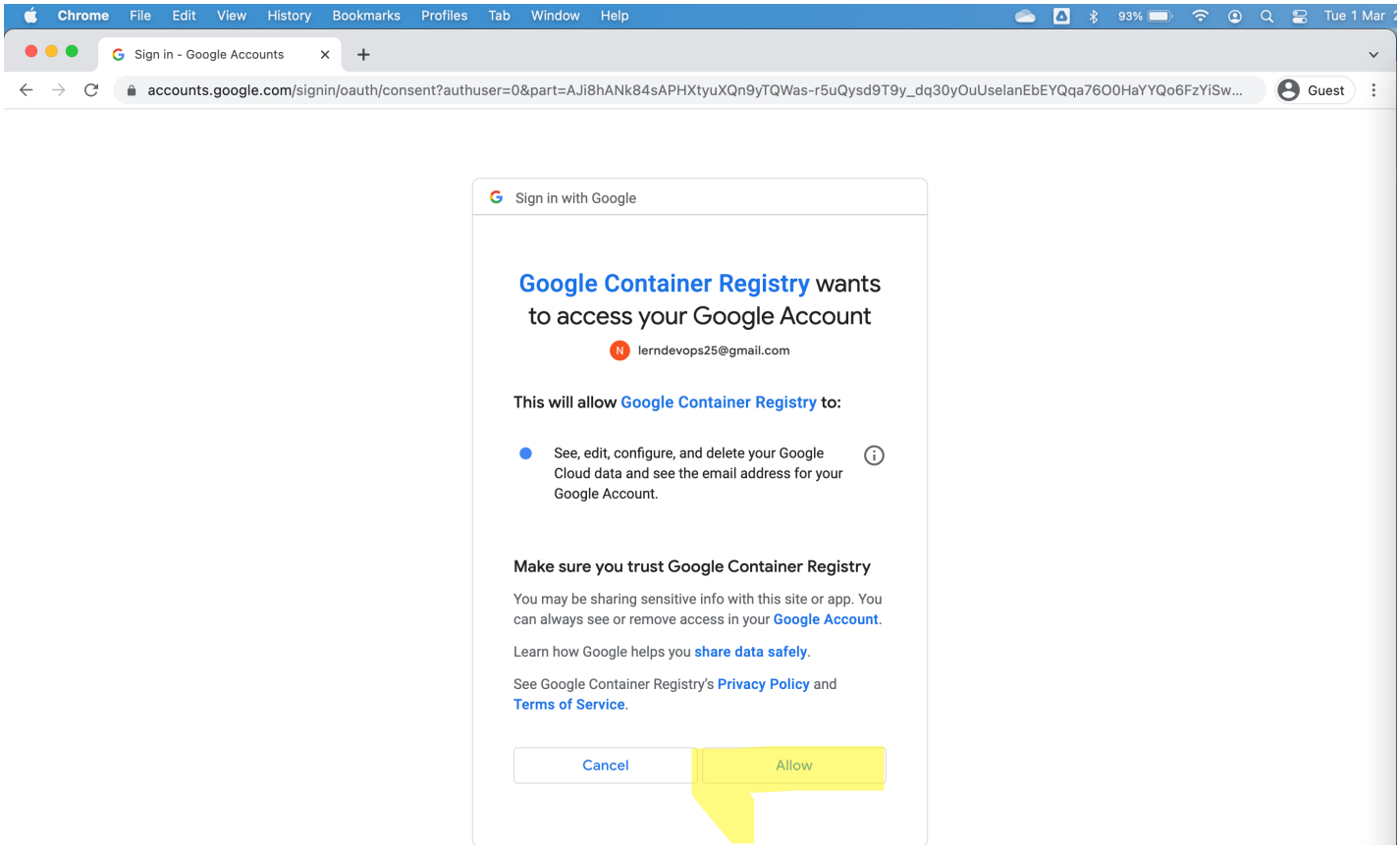


Launch Browser & run the URL generated in above section

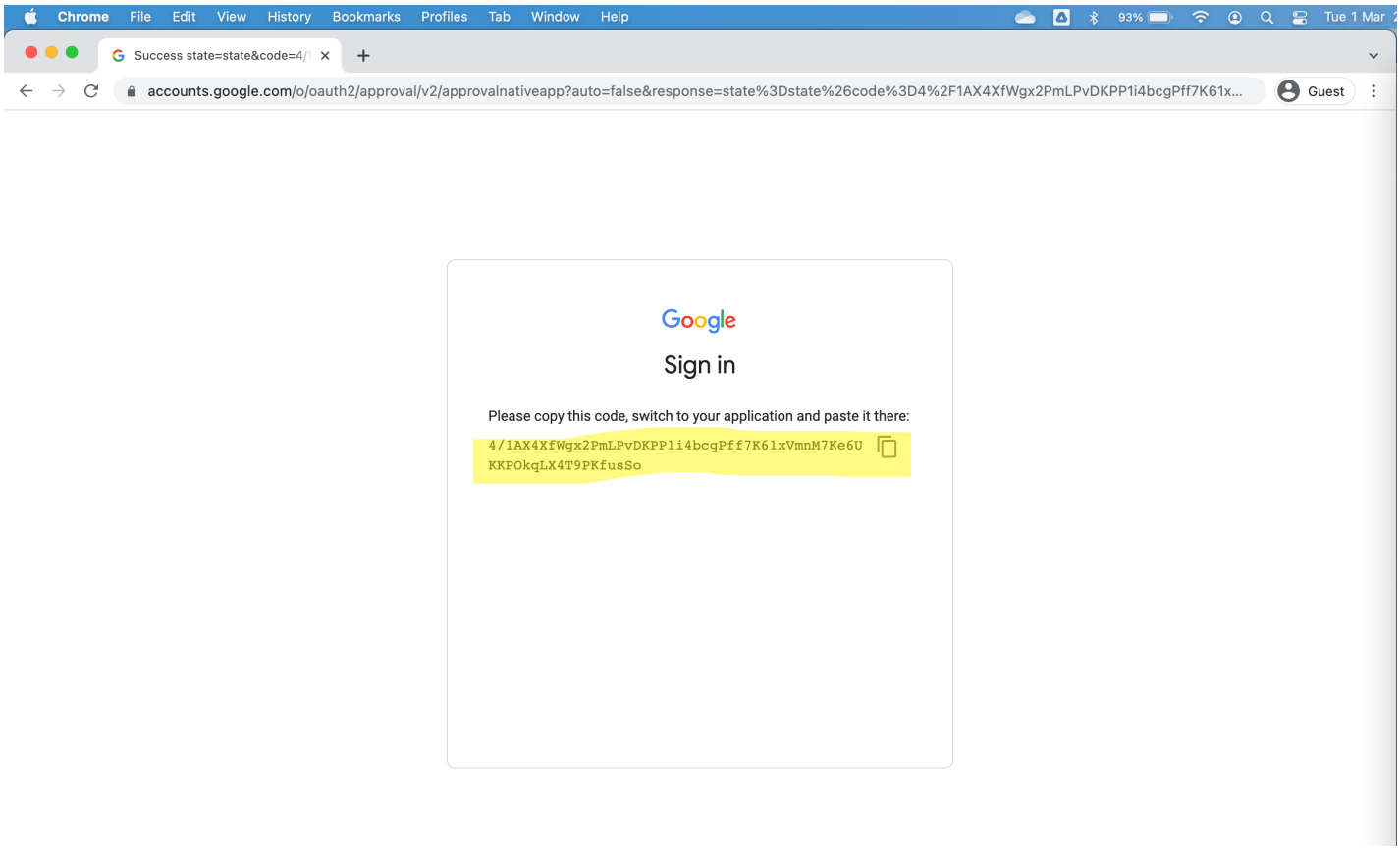
use your google cloud platform login credentials to login



One You enter the username & password you will see below screen - click on allow

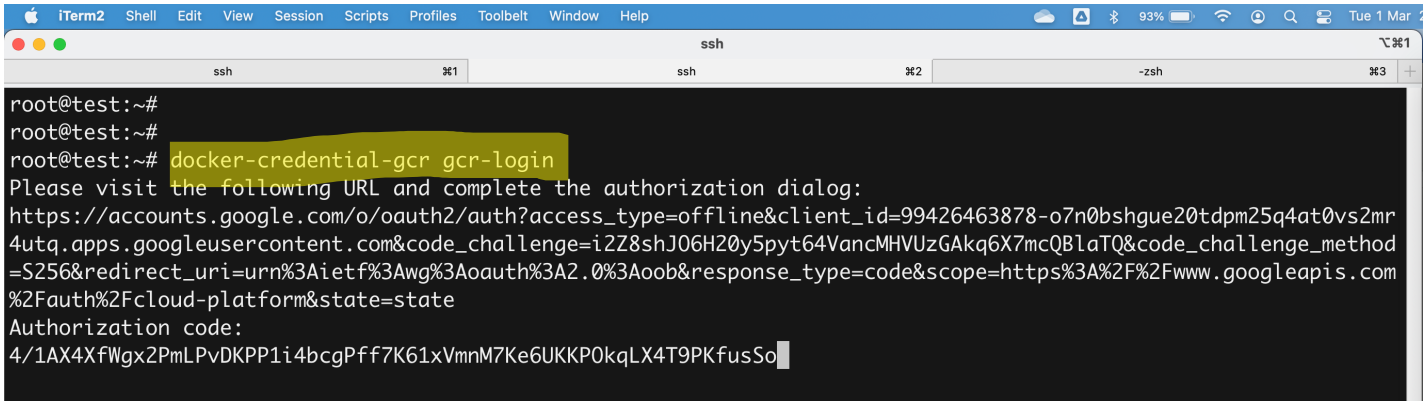


COPY the token generated

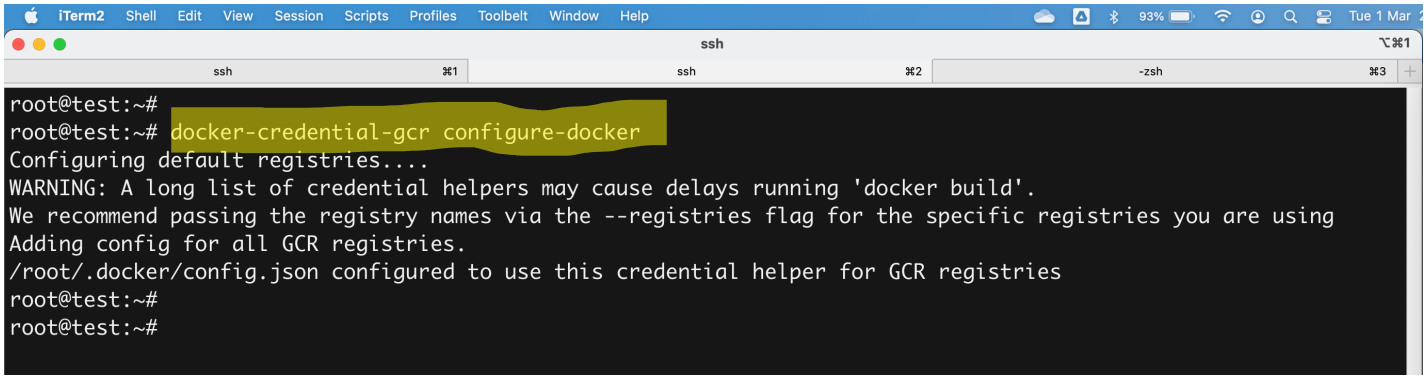


come back to your terminal & paste the token then press enter

your credentials are set



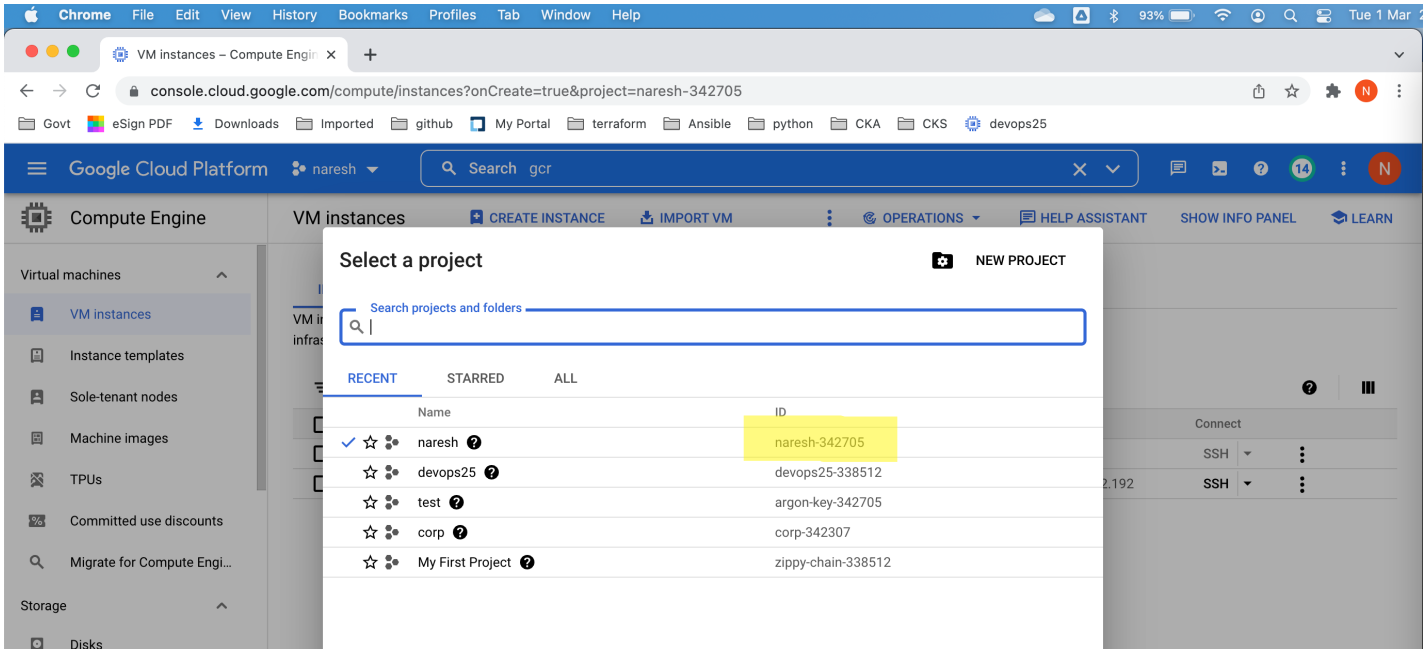
run **docker-credential-gcr configure-docker** to set the registries



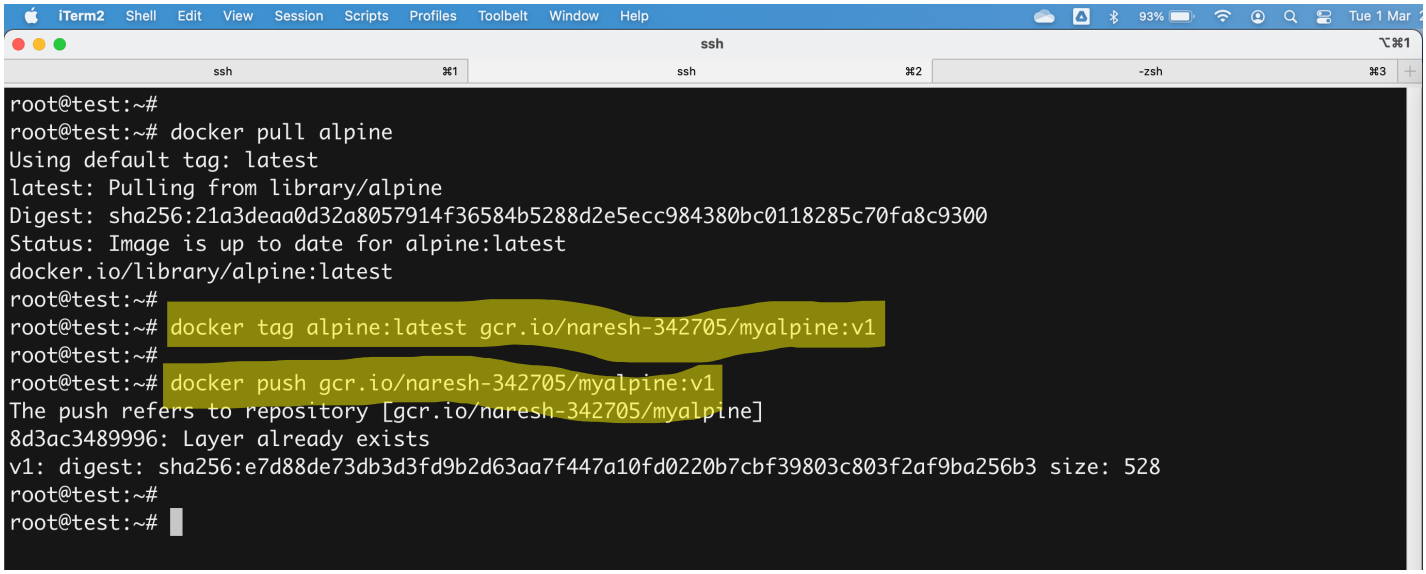
check the registries configured

```
root@test:~#
root@test:~# cat /root/.docker/config.json
{
        "auths": {},
        "credHelpers": {
                "asia.gcr.io": "gcr",
                "eu.gcr.io": "gcr",
                "gcr.io": "gcr",
                "marketplace.gcr.io": "gcr",
                "us.gcr.io": "gcr"
        }
}root@test:~#
```

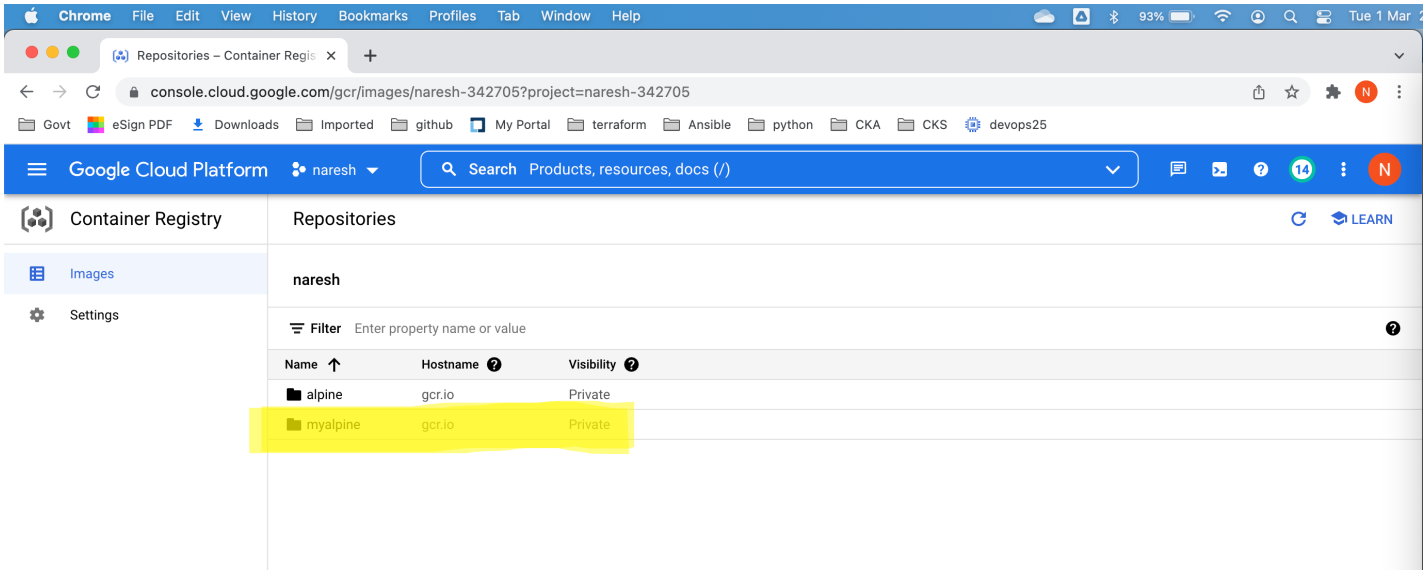
get your google cloud project id where the gcr is enabled



tag & Push the Image to GCR



```
root@test:~#
root@test:~# docker pull alpine
Using default tag: latest
latest: Pulling from library/alpine
Digest: sha256:21a3deaa0d32a8057914f36584b5288d2e5ecc984380bc0118285c70fa8c9300
Status: Image is up to date for alpine:latest
docker.io/library/alpine:latest
root@test:~#
root@test:~# docker tag alpine:latest gcr.io/naresh-342705/myalpine:v1
root@test:~#
root@test:~# docker push gcr.io/naresh-342705/myalpine:v1
The push refers to repository [gcr.io/naresh-342705/myalpine]
8d3ac3489996: Layer already exists
v1: digest: sha256:e7d88de73db3d3fd9b2d63aa7f447a10fd0220b7cbf39803c803f2af9ba256b3 size: 528
root@test:~#
root@test:~#
```


Chrome File Edit View History Bookmarks Profiles Tab Window Help
Repositories – Container Regis
console.cloud.google.com/gcr/images/naresh-342705?project=naresh-342705
Govt eSign PDF Downloads Imported github My Portal terraform Ansible python CKA CKS devops25
Google Cloud Platform
naresh
Search Products, resources, docs (/)
Container Registry
Images
Settings
Repositories
LEARN
naresh
Filter Enter property name or value
Name
Hostname
Visibility
alpine
gcr.io
Private
myalpine
gcr.io
Private