Pandit Deendayal Energy University
School of Technology
Cloud Computing – Lab (20CP322P)
B.Tech-Computer Science & Engineering (Sem-VI)

- **Name: Parth Patel**
- **Roll No.: 19BCP091**
- **Branch: Computer Science & Engineering**

App engine

Build highly scalable applications on a fully managed serverless platform.

Key features

- Popular programming languages

Build your application in Node.js, Java, Ruby, C#, Go, Python, or PHP or bring your own language runtime.

- Open and flexible

Custom runtimes allow you to bring any library and framework to App Engine by supplying a Docker container.

- Fully managed

A fully managed environment lets you focus on code while App Engine manages infrastructure concerns.

Steps:

First of got to https://console.cloud.google.com/ and make your free google cloud account and get 300$ credit.

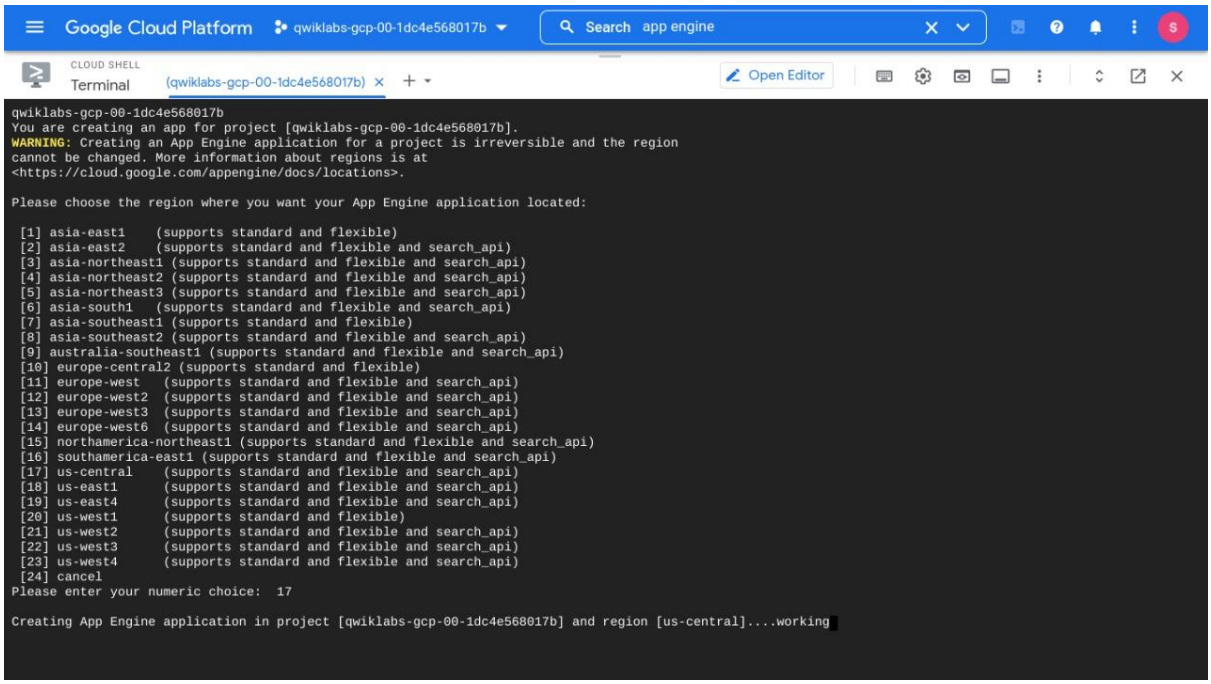
Then go to API and services. And activate app engine API.

Then go to https://console.cloud.google.com/ and activate cloud shell. After cloud shell starts type “gcloud auth list” and authorize cloud shell. And then enter following commands,

“git clone https://github.com/GoogleCloudPlatform/python-docs-samples”

“cd python-docs-samples/appengine/standard_python3/hello_world”

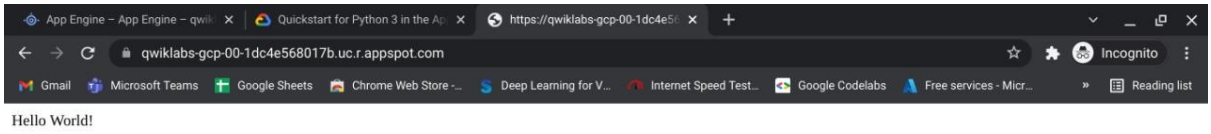
“gcloud app deploy”



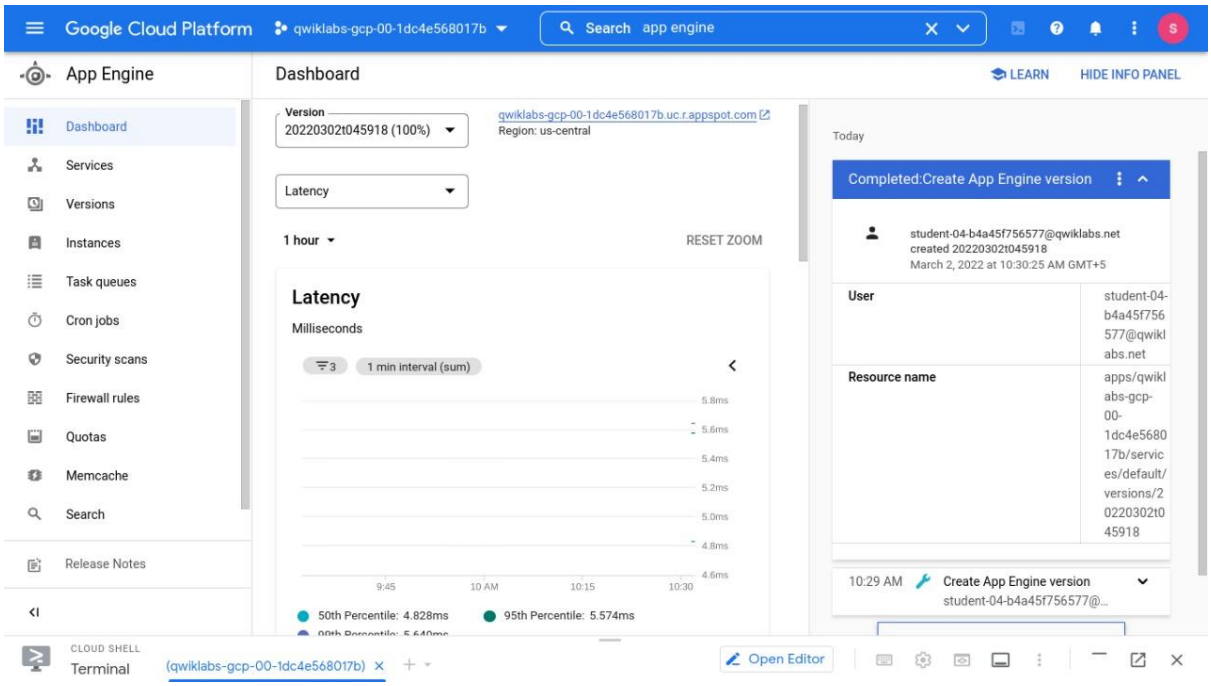
After app deployment is complete type the following line to see link of deployed app.

“gcloud app browse”

Then go to that link to see the app.



Then go to navigation menu and then app engine. To see the following window. In that web-page you can all the information about your app.


Google Cloud Platform
qwiklabs-gcp-00-1dc4e568017b
Search app engine
App Engine
Dashboard
LEARN
HIDE INFO PANEL
Dashboard
Services
Versions
Instances
Task queues
Cron jobs
Security scans
Firewall rules
Quotas
Memcache
Search
Release Notes
Version
20220302t045918 (100%)
qwiklabs-gcp-00-1dc4e568017b.uc.r.appspot.com
Region: us-central
Latency
1 hour
RESET ZOOM
Latency
Milliseconds
3
1 min interval (sum)
5.8ms
5.6ms
5.4ms
5.2ms
5.0ms
4.8ms
4.6ms
9:45
10 AM
10:15
10:30
50th Percentile: 4.828ms
95th Percentile: 5.574ms
Today
Completed:Create App Engine version
student-04-b4a45f756577@qwiklabs.net
created 20220302t045918
March 2, 2022 at 10:30:25 AM GMT+5
User
student-04-b4a45f756577@qwiklabs.net
Resource name
apps/qwiklabs-gcp-00-1dc4e568017b/services/default/versions/20220302t045918
10:29 AM
Create App Engine version
student-04-b4a45f756577@...
CLOUD SHELL
Terminal
(qwiklabs-gcp-00-1dc4e568017b)
Open Editor