Creating a GCE from CloudSDK and writing files to GCS

1. Change access scope of storage to FULL.

2. Run - gcloud compute instances create shailen-vm --project=hybridskill-5--zone=asia-south1-a --machine-type=e2-micro --network-interface=network-tier=PREMIUM,subnet=default --metadata=startup-script=\#\!/bin/bash$'\n'apt-get\ update\ -y$'\n'sudo\ apt-get\ install\ apache2\ -y$'\n'sudo\ systemctl\ enable\ apache2.service$'\n'sudo\ systemctl\ start\ apache2.service --maintenance-policy=MIGRATE --service-account=406758768703-compute@developer.gserviceaccount.com --scopes=https://www.googleapis.com/auth/devstorage.read\_only,https://www.googleapis.com/auth/logging.write,https://www.googleapis.com/auth/monitoring.write,https://www.googleapis.com/auth/servicecontrol,https://www.googleapis.com/auth/service.management.readonly,https://www.googleapis.com/auth/trace.append --tags=http-server --create-disk=auto-delete=yes,boot=yes,device-name=shailen-vm,image=projects/ubuntu-os-cloud/global/images/ubuntu-1604-xenial-v20210928,mode=rw,size=10,type=projects/hybridskill-4/zones/asia-south1-a/diskTypes/pd-standard --no-shielded-secure-boot --shielded-vtpm --shielded-integrity-monitoring --reservation-affinity=any

3. This command in step 2 will deploy your GCE with a webserver

4. You can now access your GCE using SSH and write files into GCS

● gsutil ls :- for listing all the buckets.

● gsutil mb -c regional -l us-east1 gs://shailen-bucket :-mb(make bucket), c(class), l(location)

● gsutil bucketpolicyonly get gs://shailen-bucket

● Gsutil rb gs://shailen-bucket: rb (remove bucket)