Lab3 – GCP : Problems:

1. Create Cloud NAT in the same region as subneta& subnetb "if they are not in the same region, re-create them to be in the same region" from previous lab, make it for subneta only.
2. Create new instance "server-3" with no public ip address in subneta. - Using gcloud commands, ssh to server-3
3. Try to update packages and install apache2
4. Create instance template from "server-3" instance and use it to create MIG group with application LB
5. Create simple python app, that prints "Hello from gke"
6. Dockerize your application and push the image to the "artifact registry"
7. Create on private standard gke a deployment with 2 replicas that use the previous image and expose it. don't use the default SA of the compute, create your own SA and set all the required permissions
8. Create autopilot mode cluster, run simple nginx deployment and expose it using LB service type