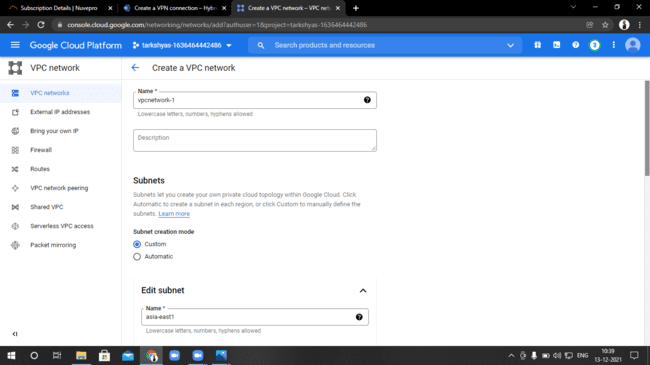
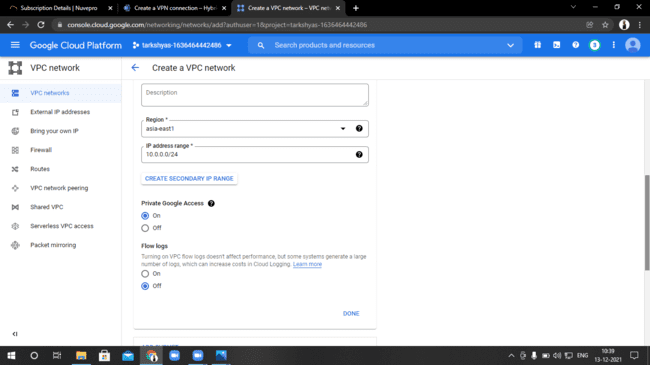
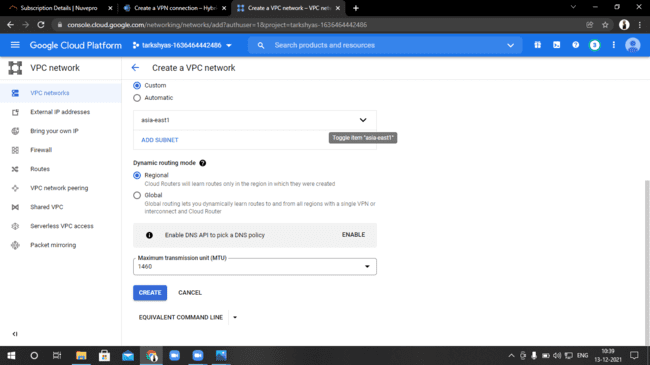
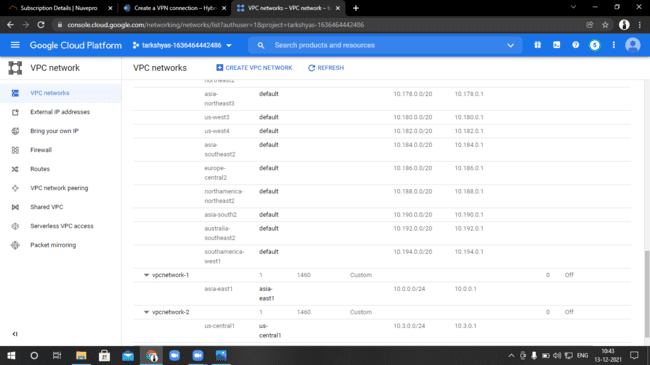
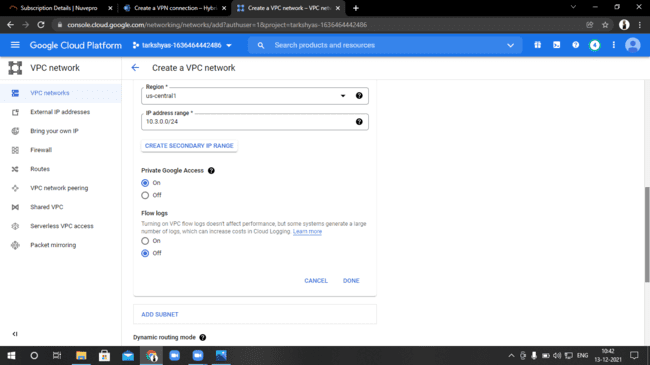
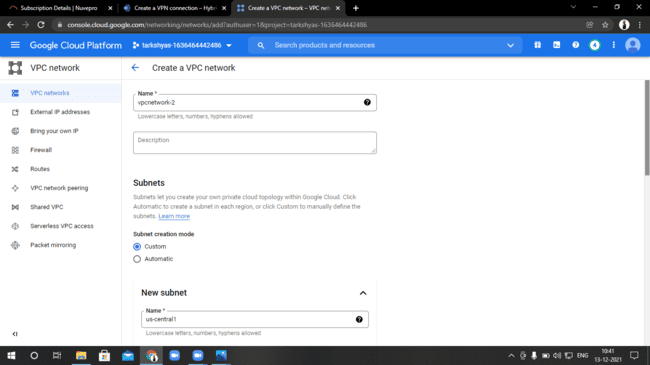
**1.create a vpc network to communicate between 2 vm instances present in different networks.**

Create two vpc networks for 2 regions.

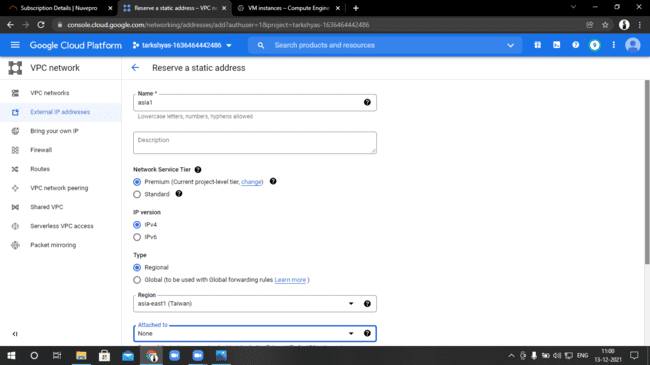
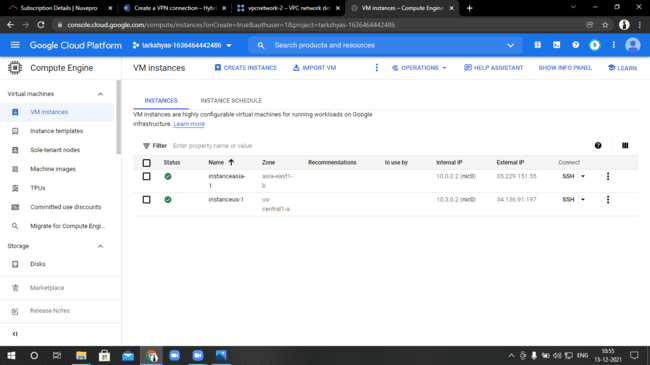
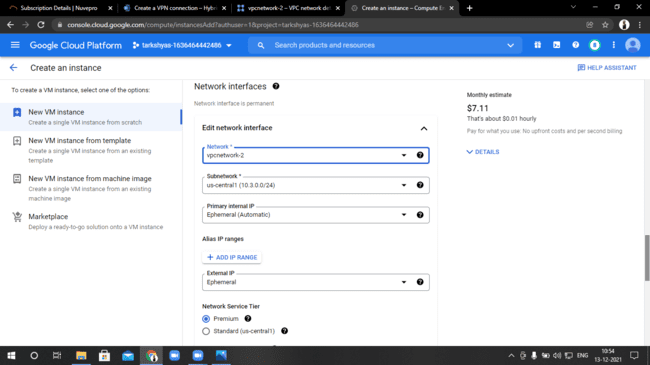
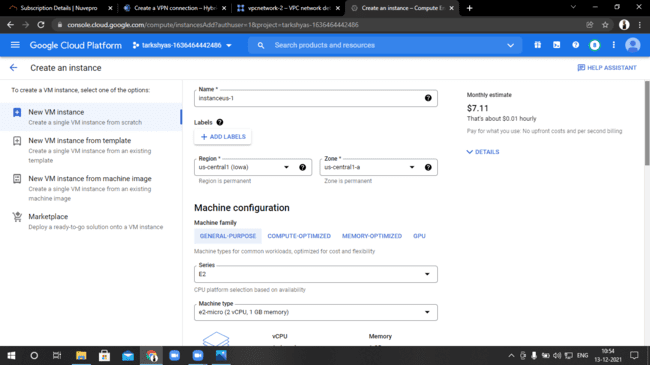
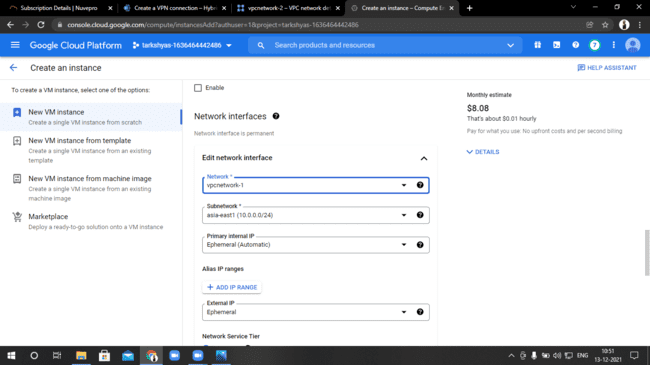
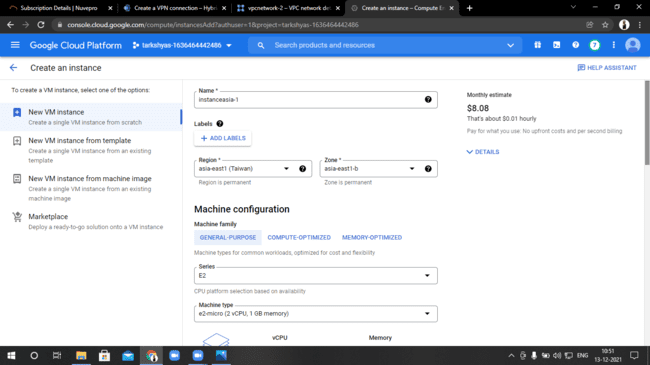
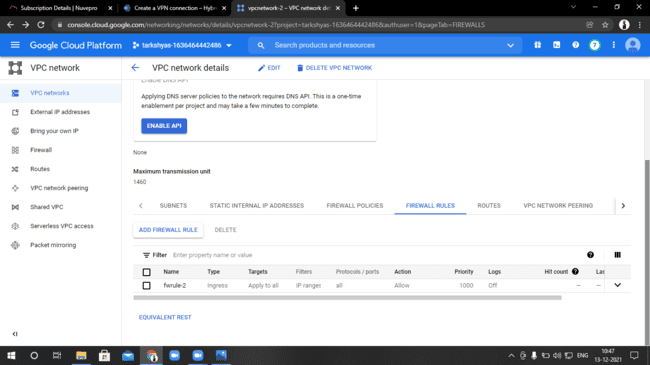
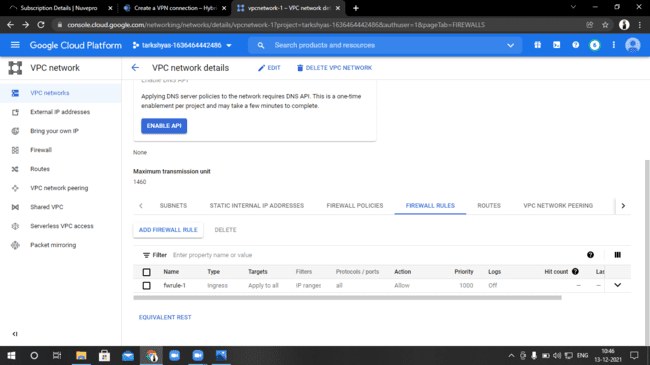
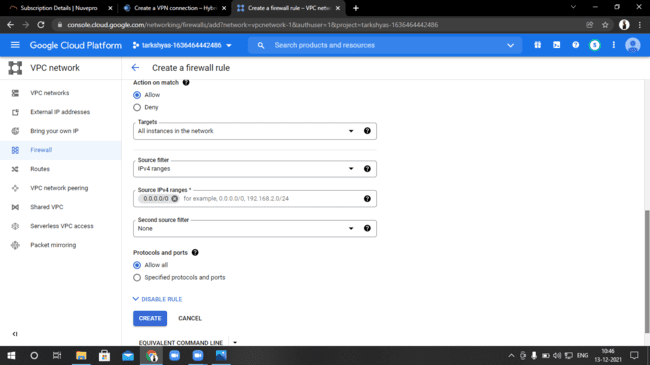
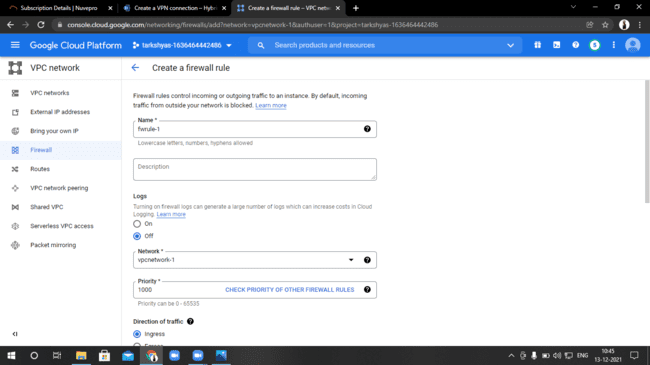


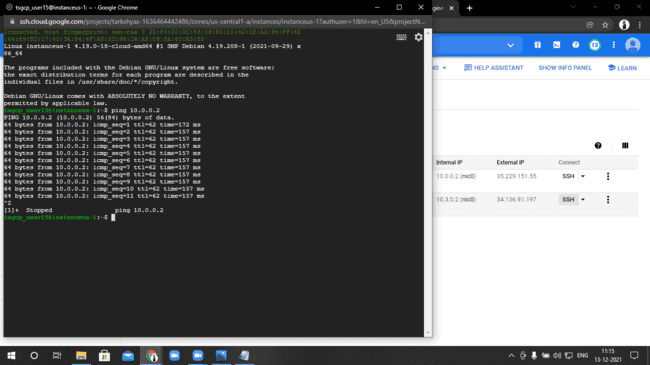
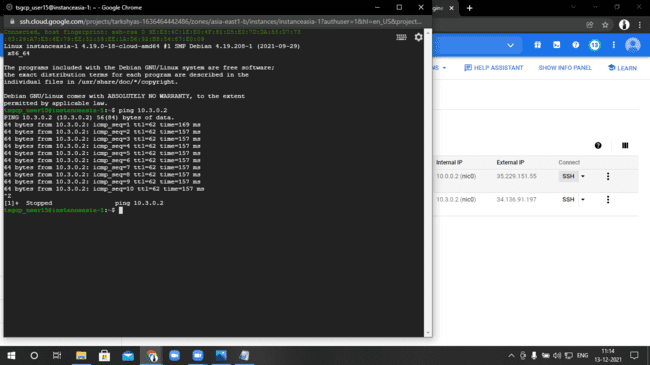
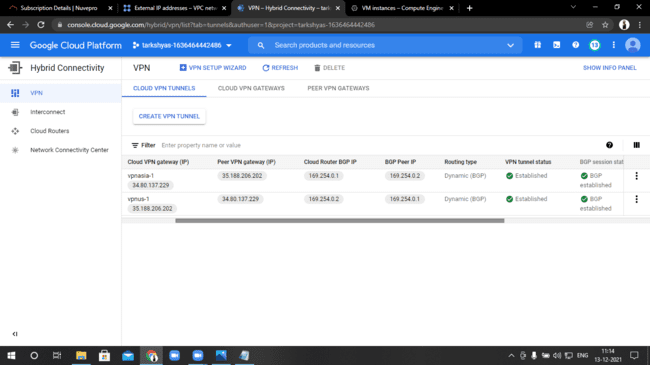
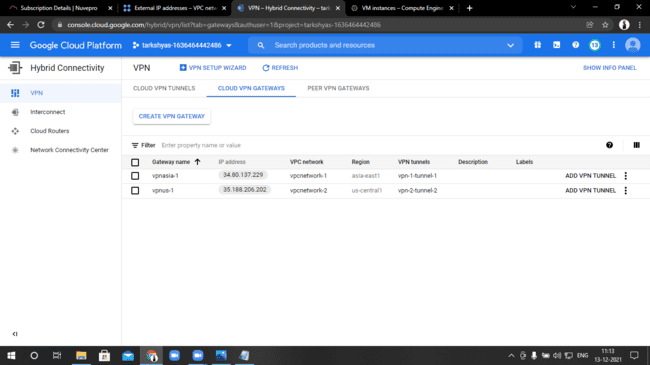
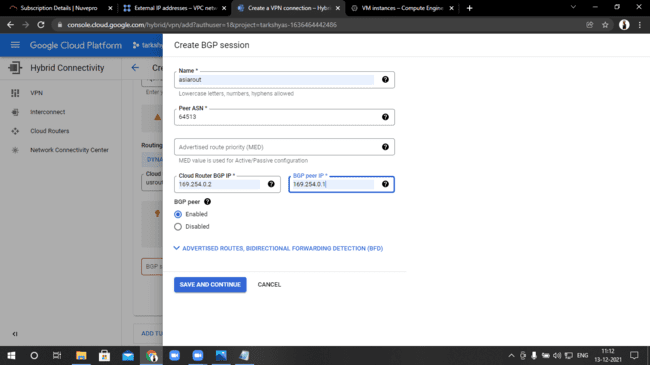
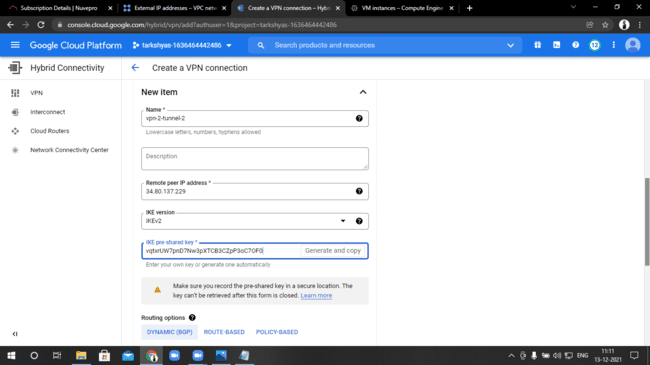
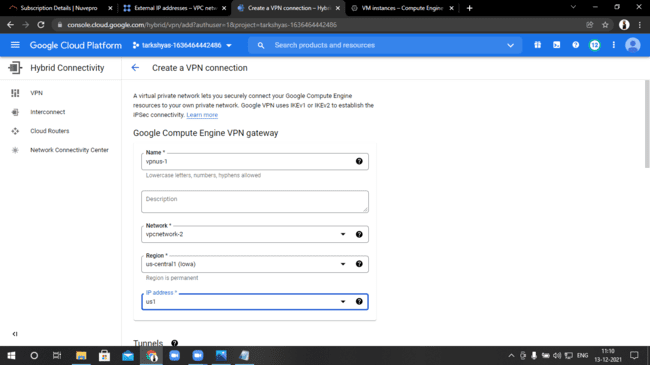
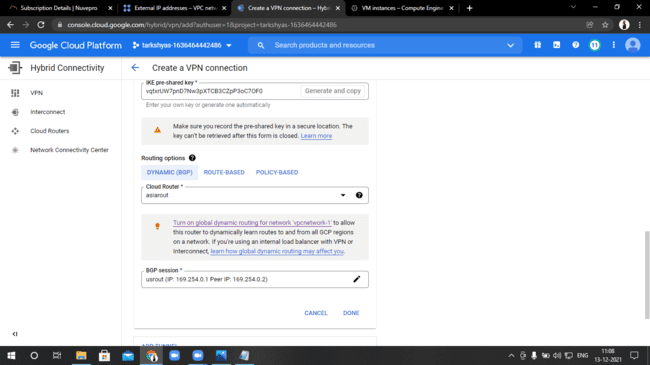
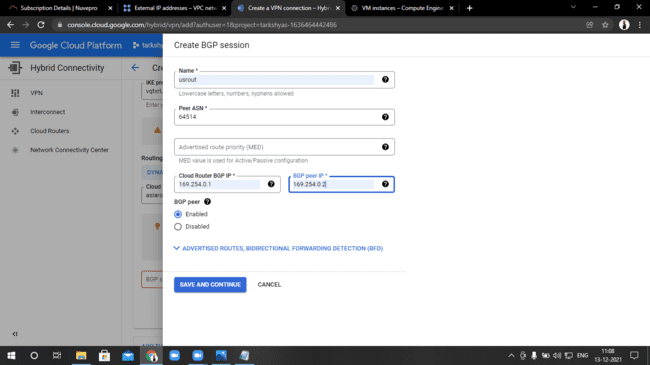
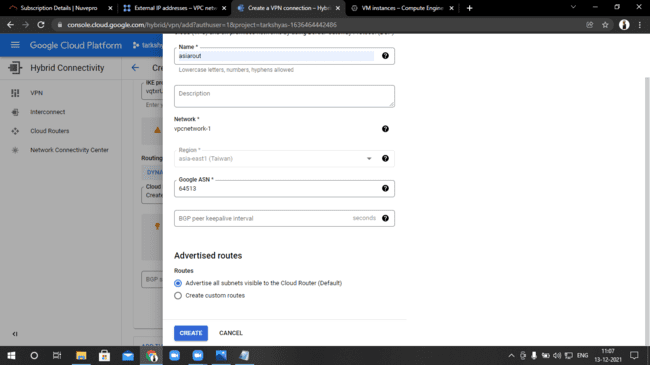
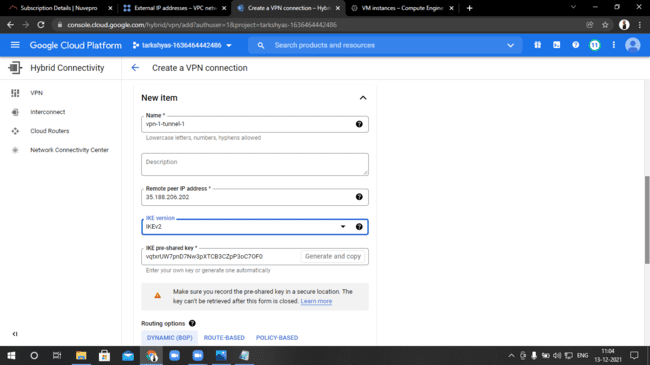
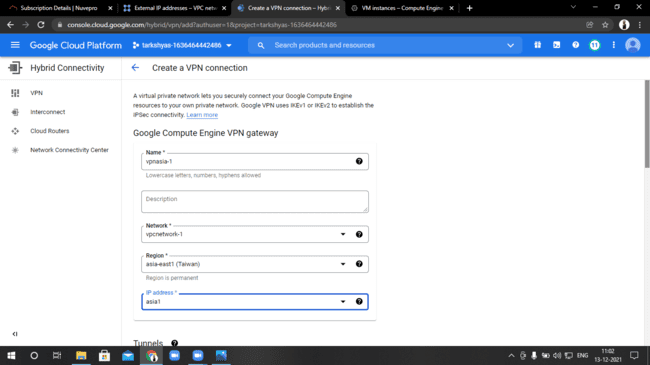
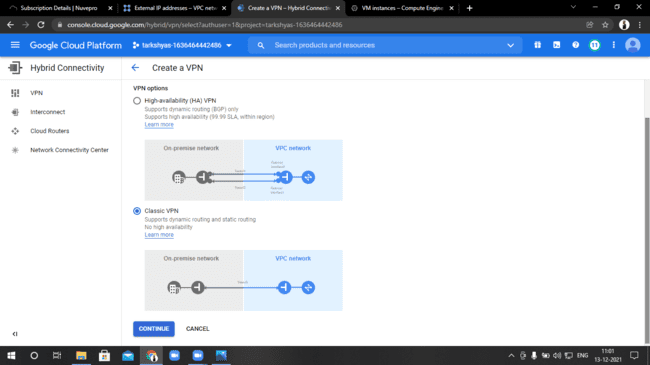
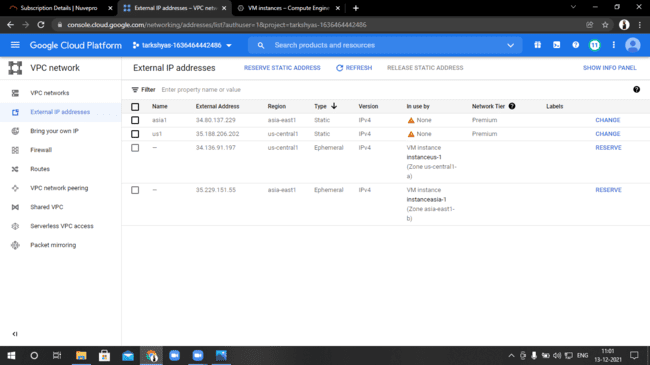




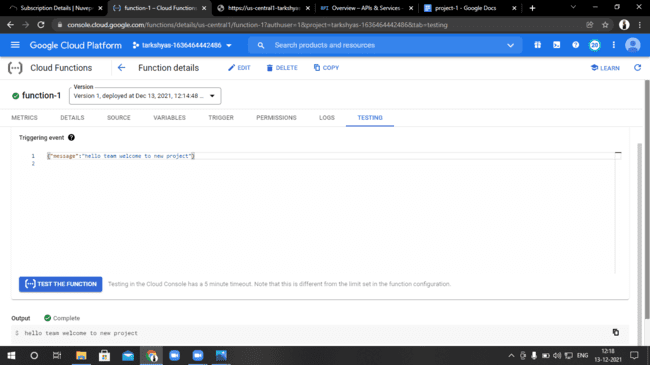
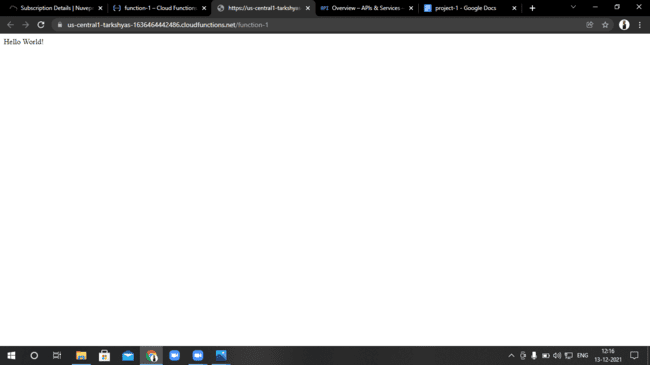
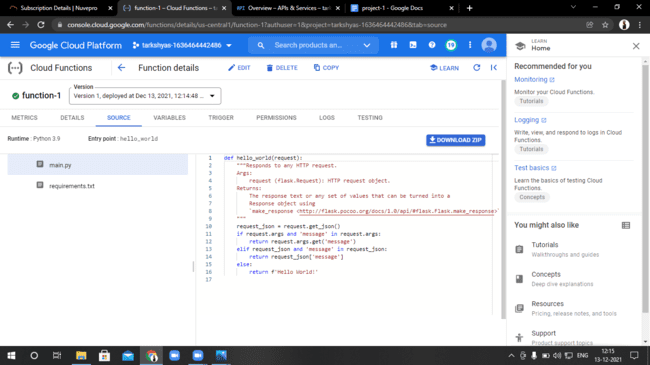
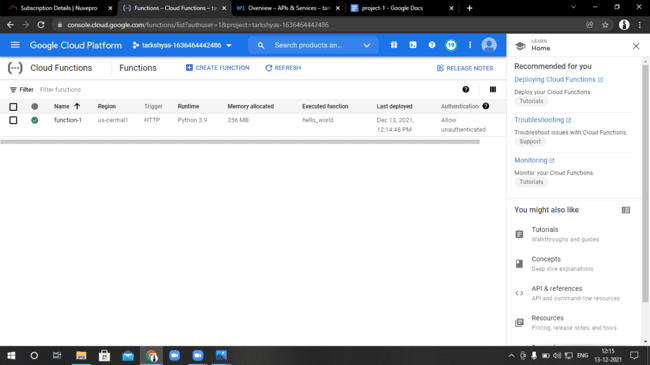
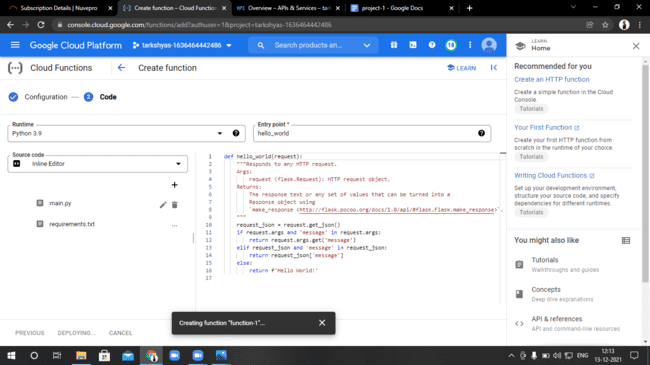
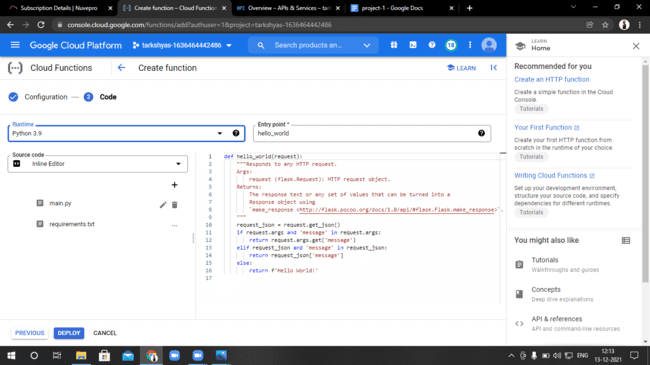
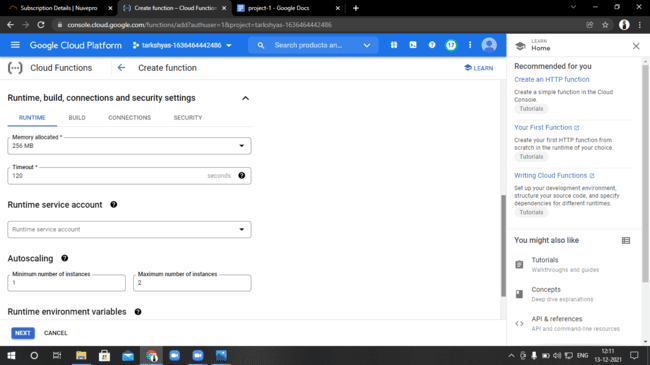
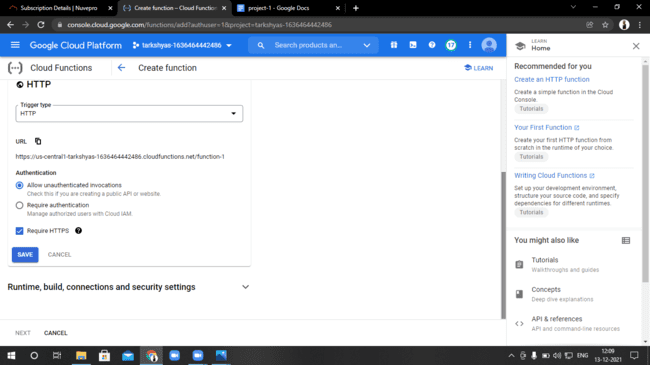
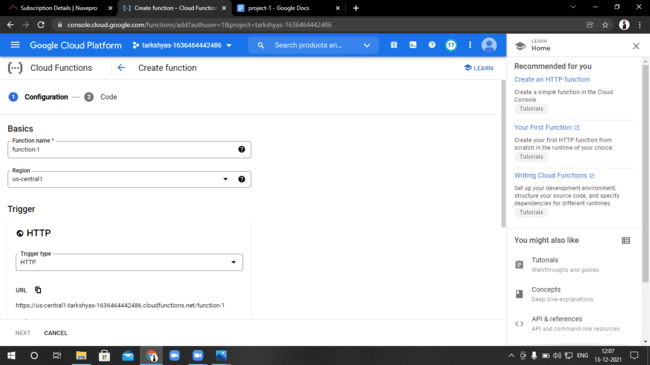
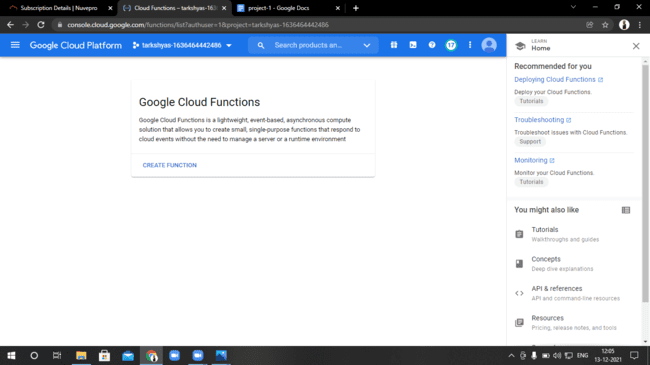


Create firewall rule for both the vpc network:

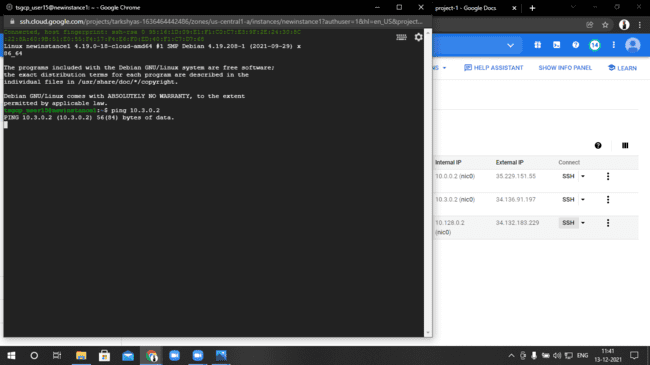
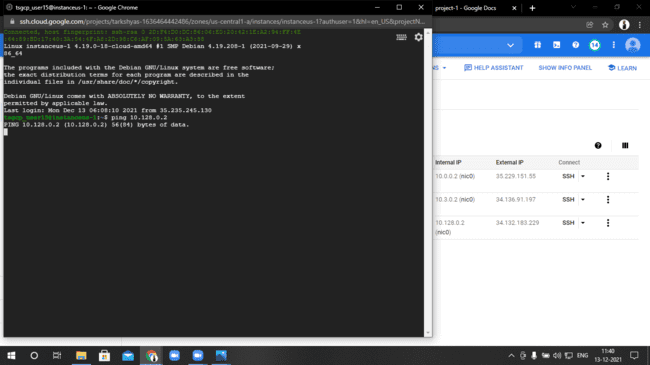
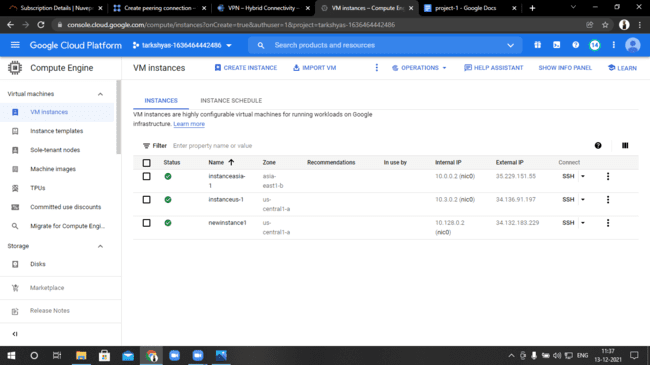
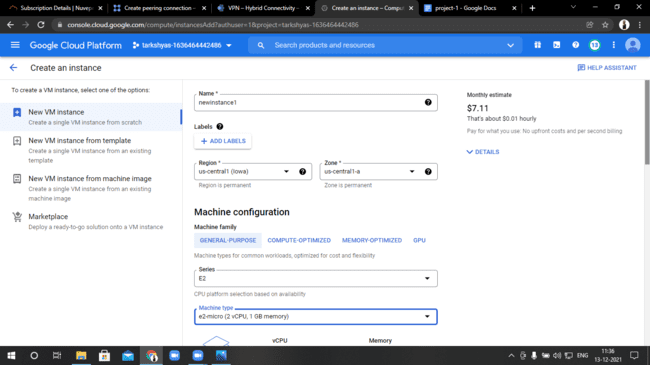


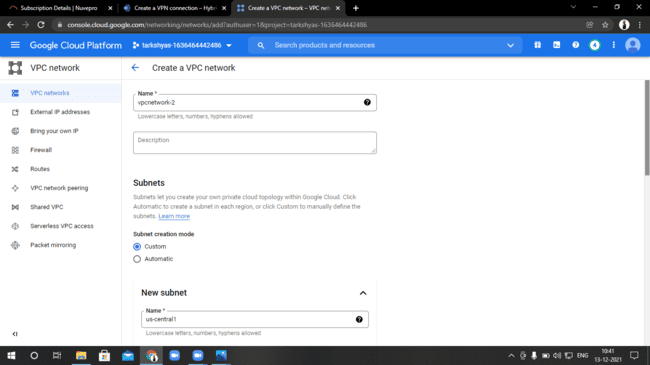


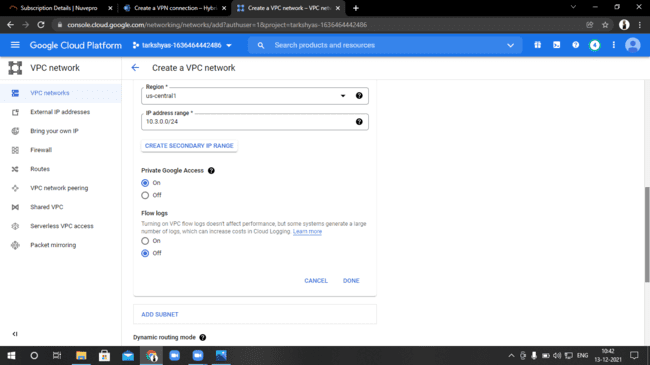
**2.create a cloud function to host a http function.**

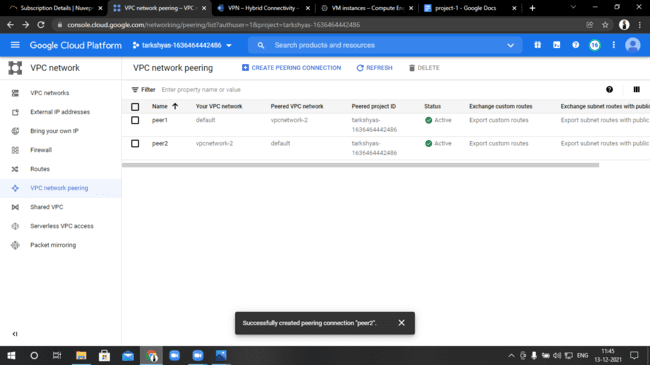
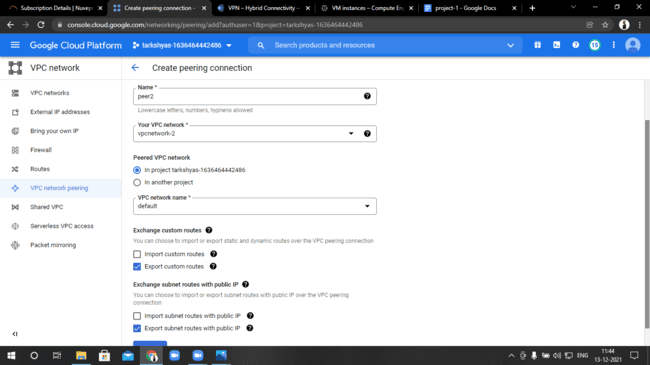
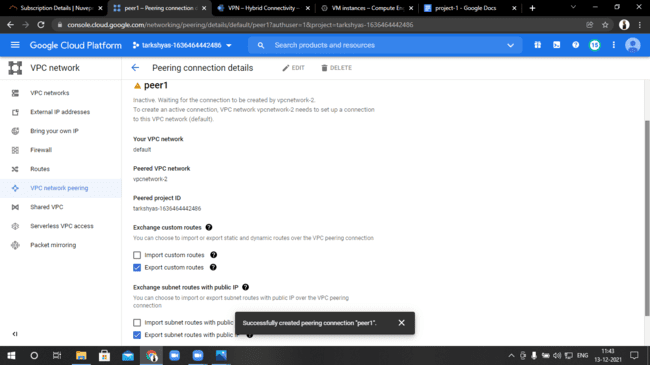


**3.vpc peering**



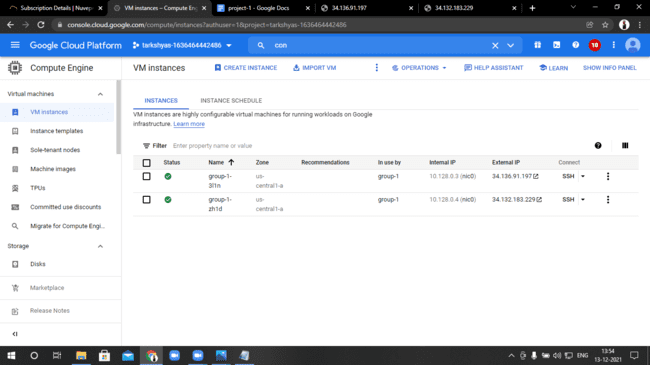
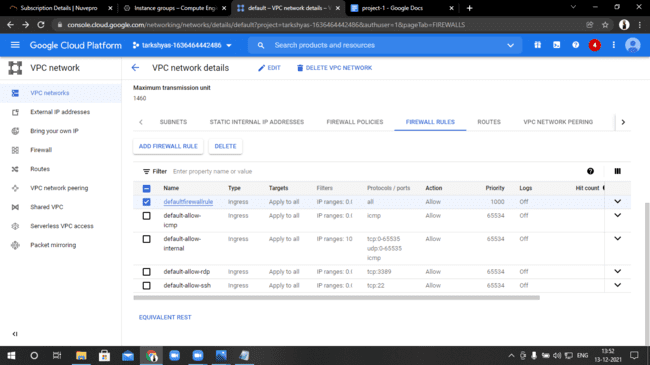
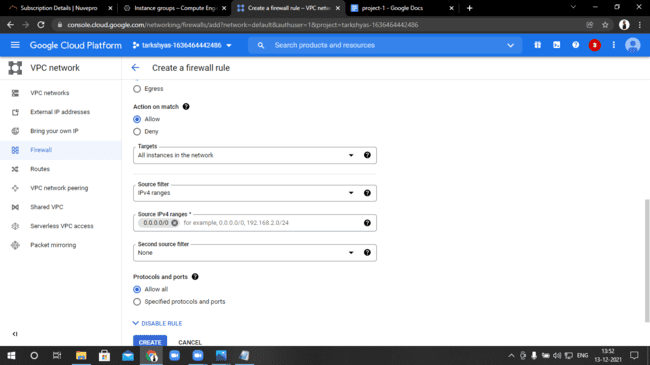
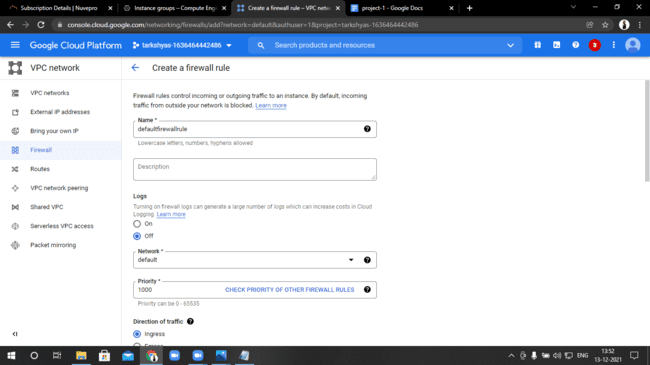
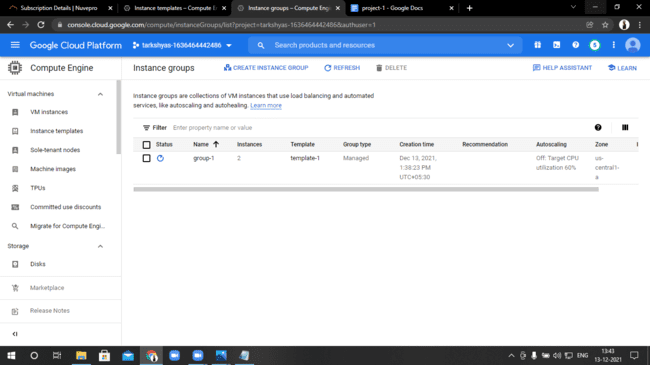
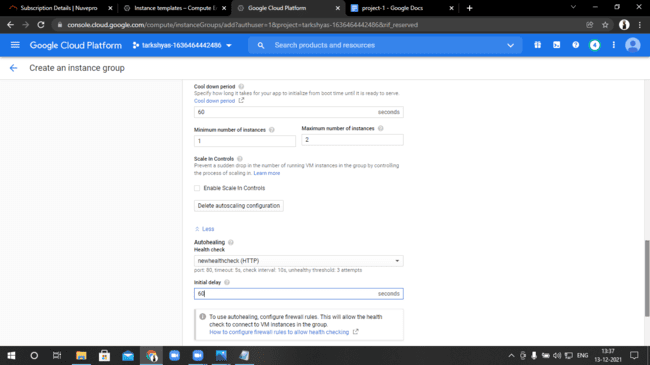
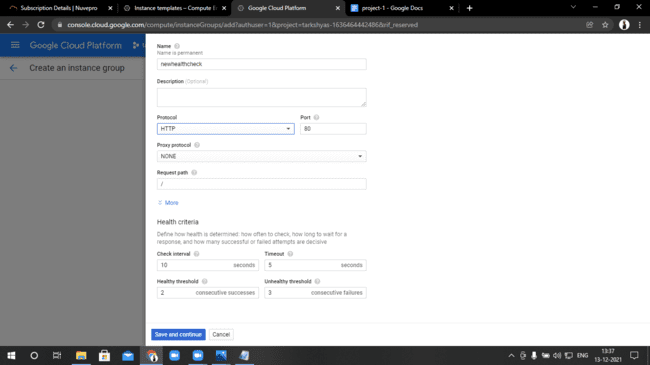
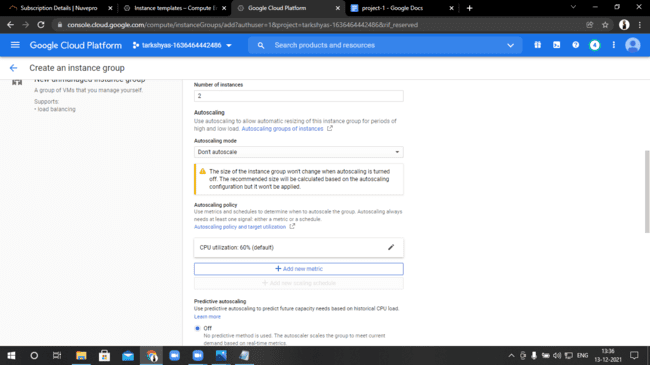
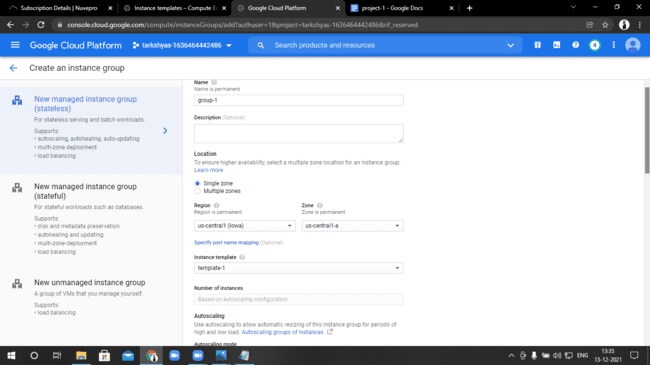
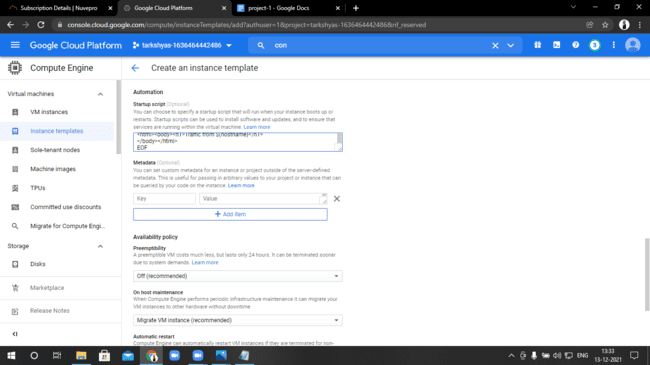
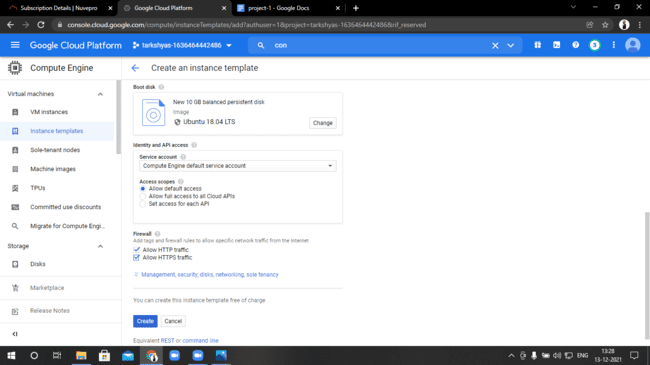
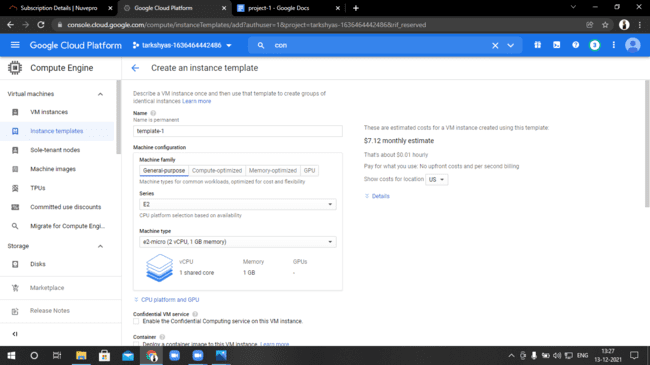


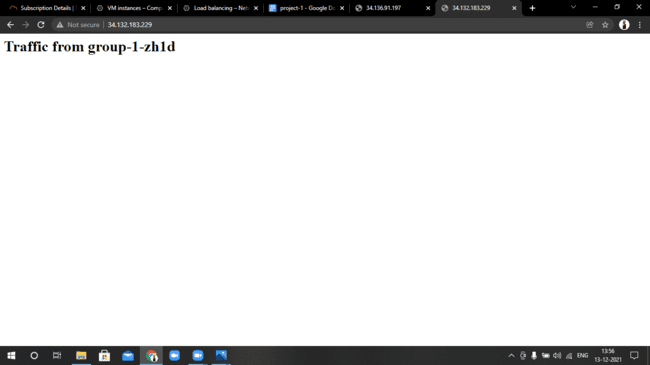




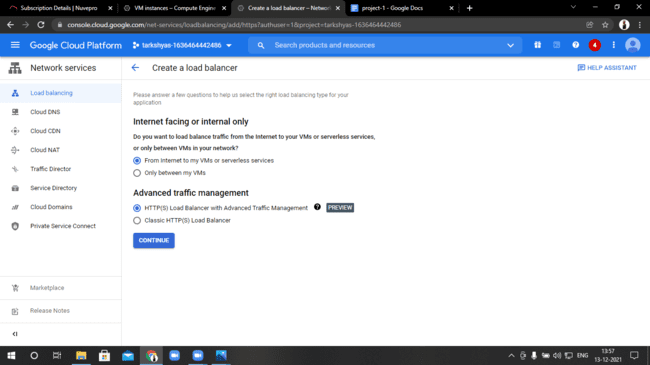
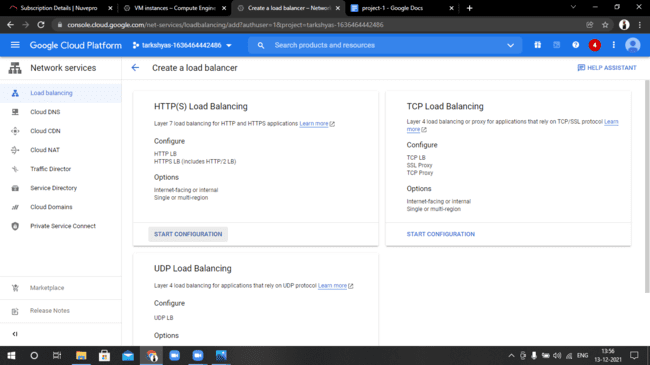
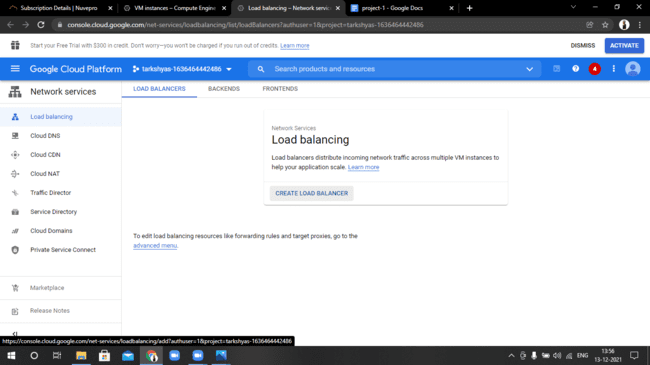
**4.Loadbalancer: HTTP and TCP**

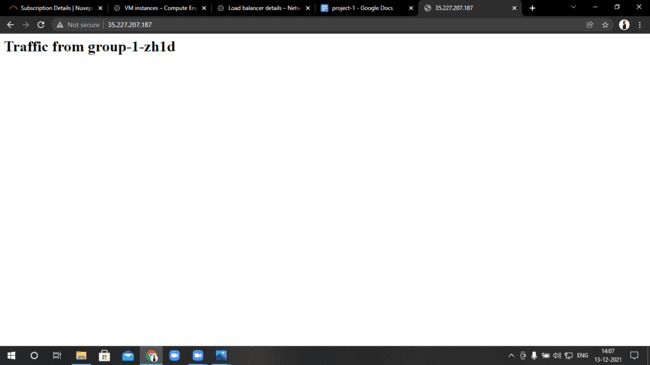
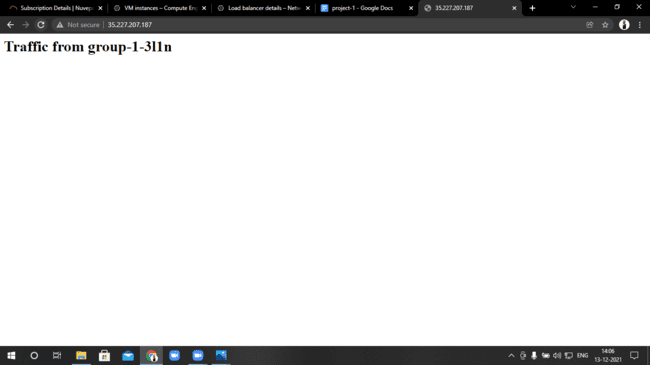
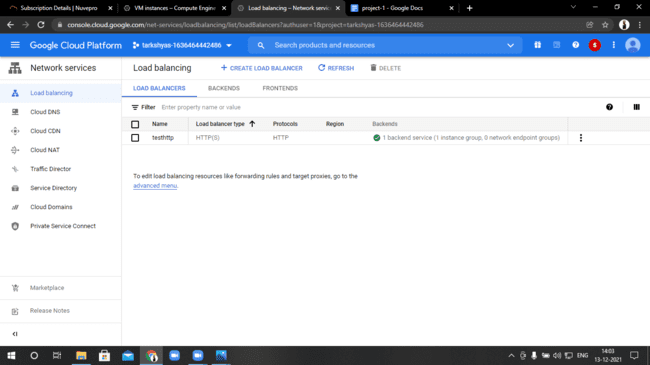
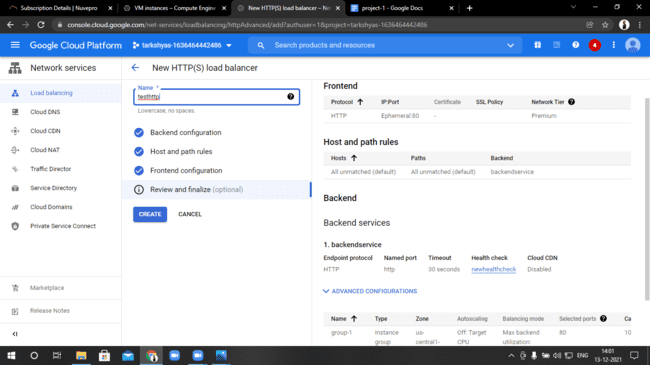
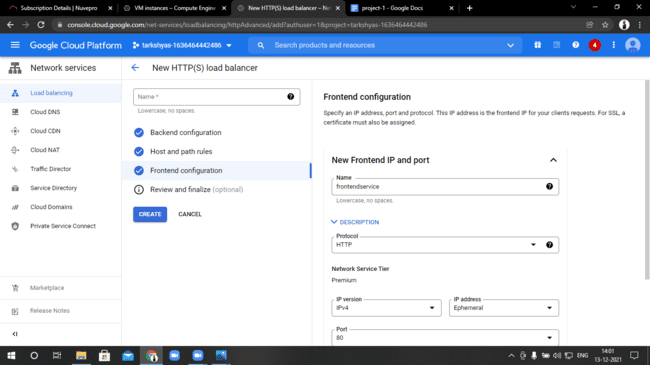
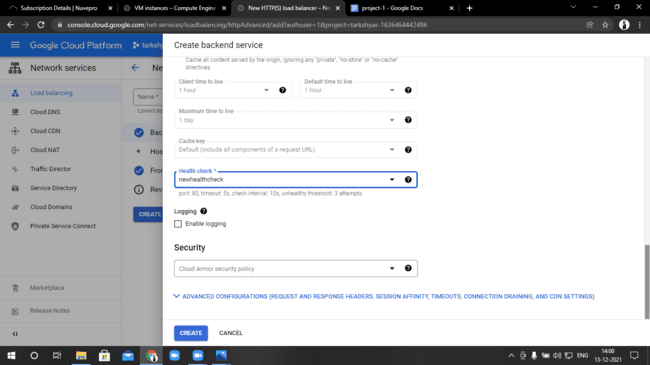
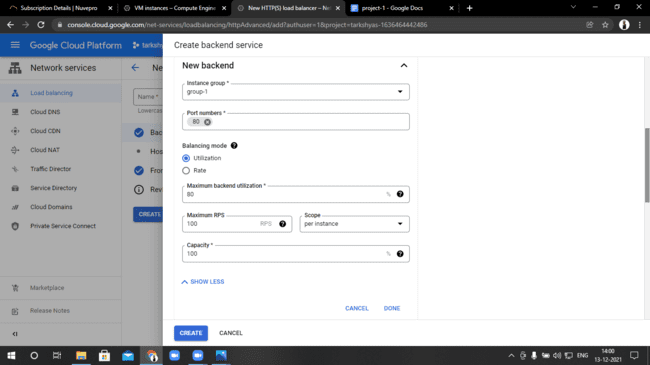
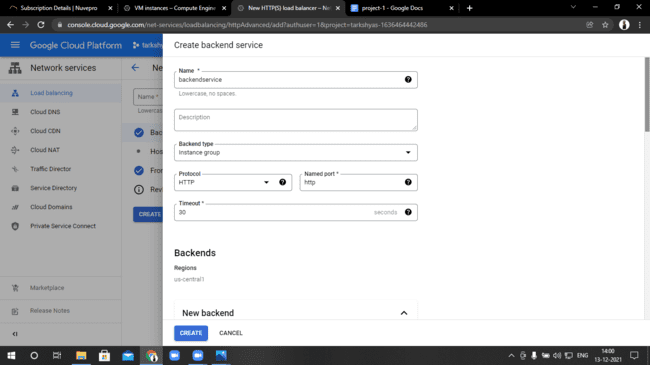
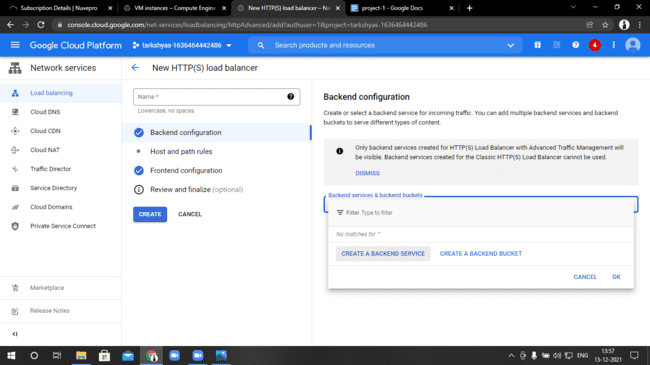
Create instance template and instance group then set firewall rule for default network.



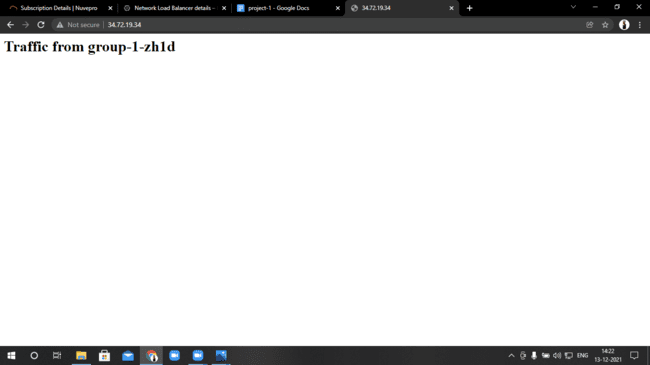
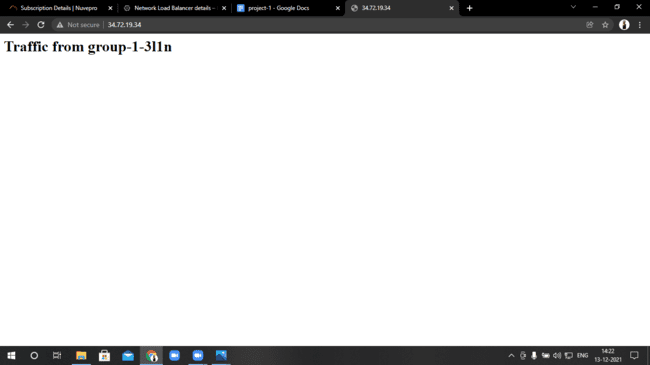
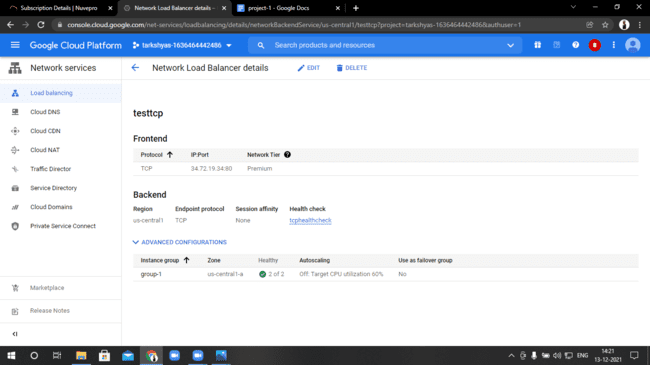
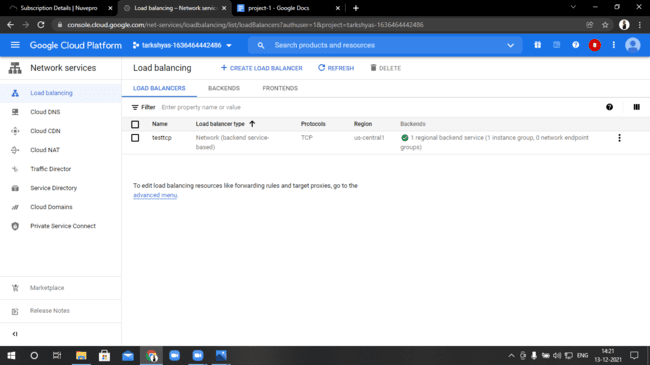
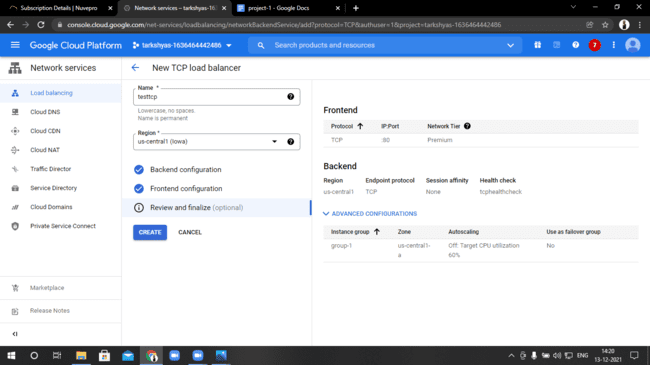
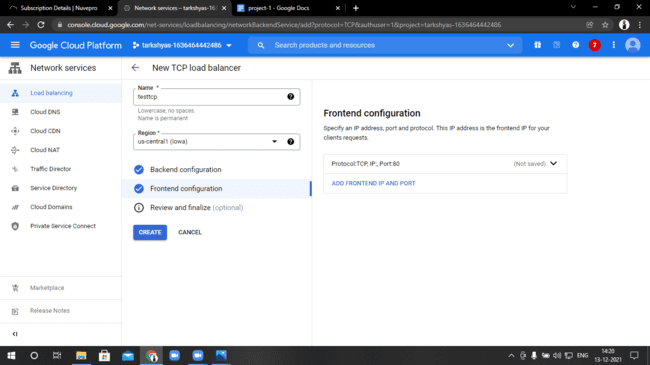
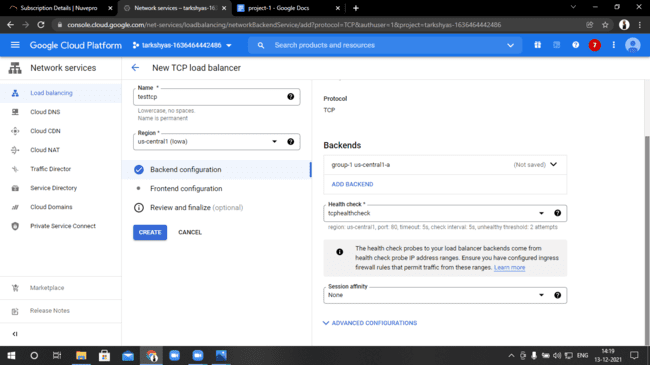
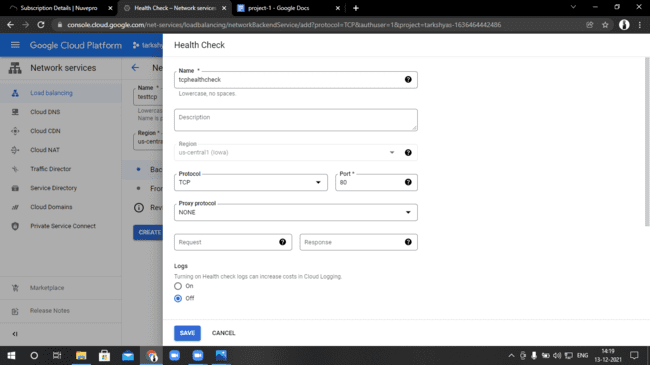
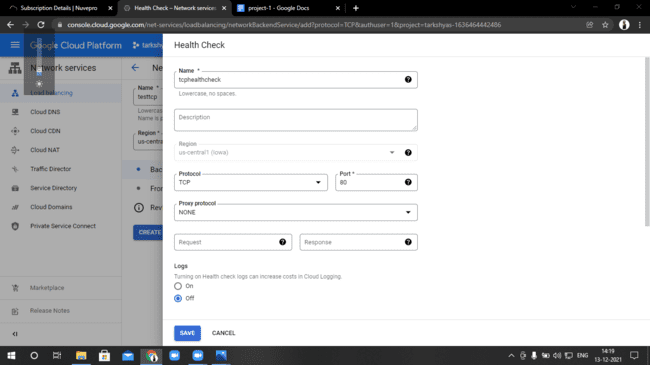
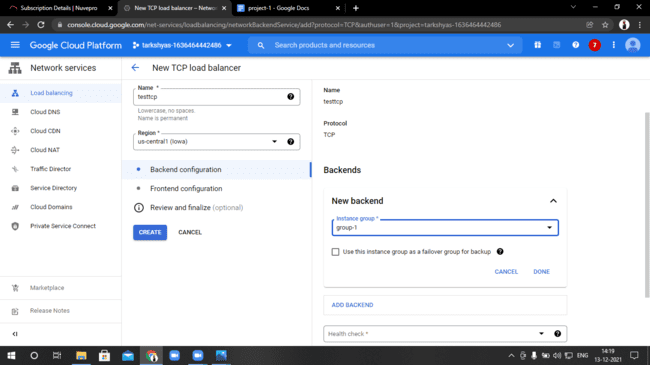
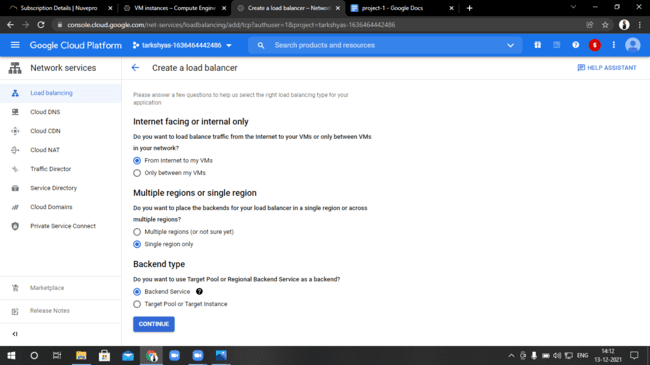
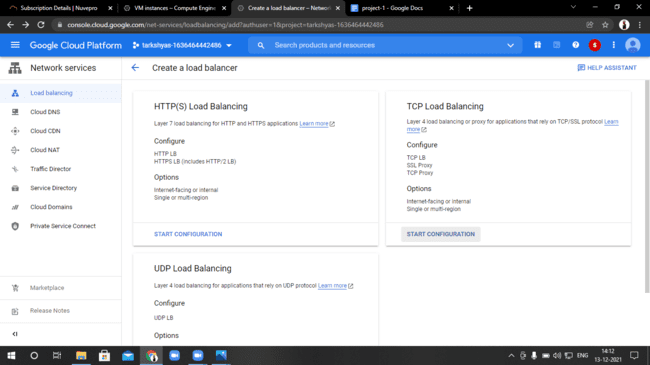


HTTP:

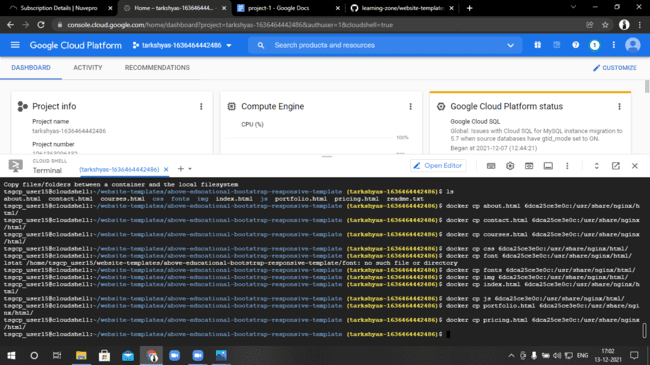
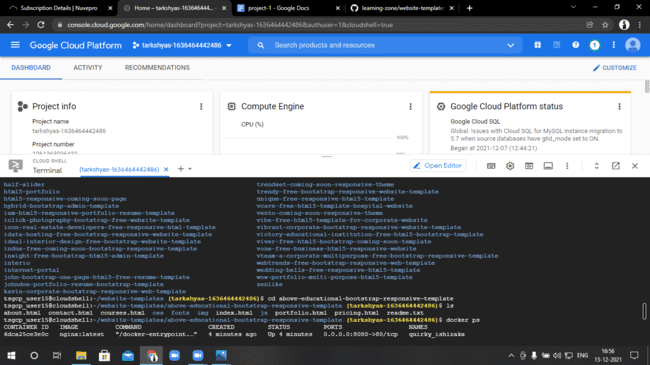
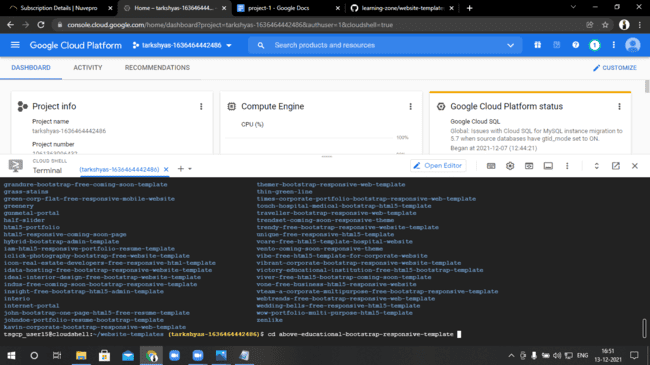
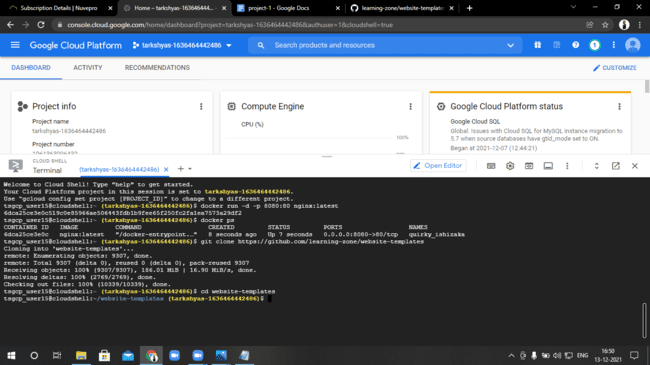


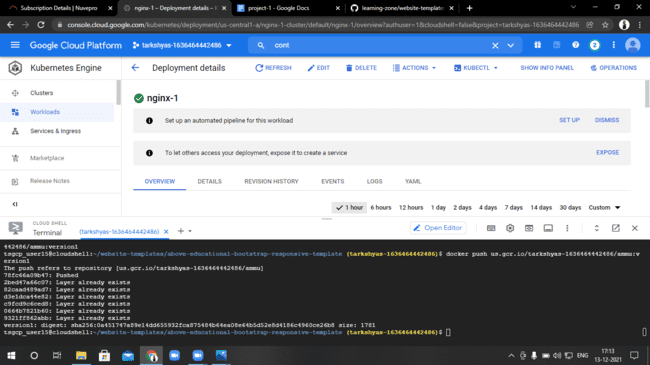
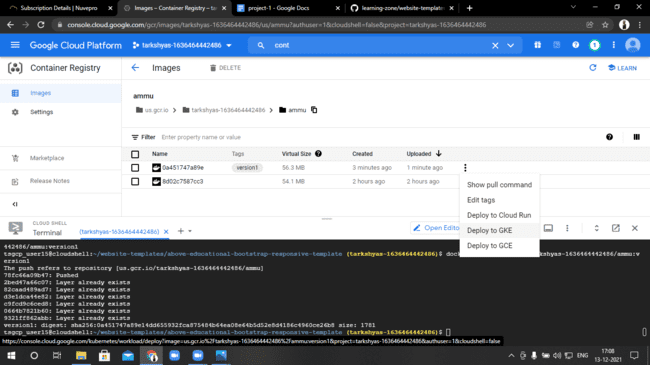
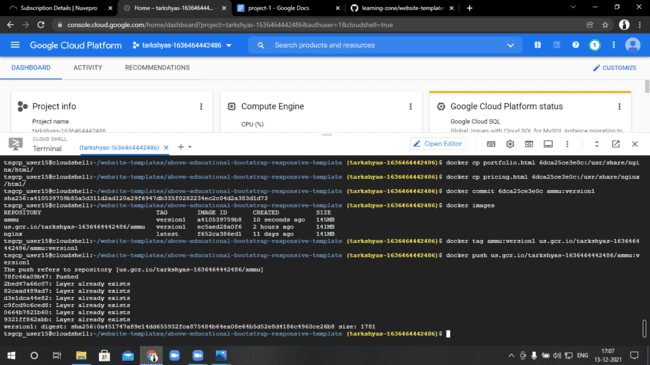


TCP:



**5.GKE**

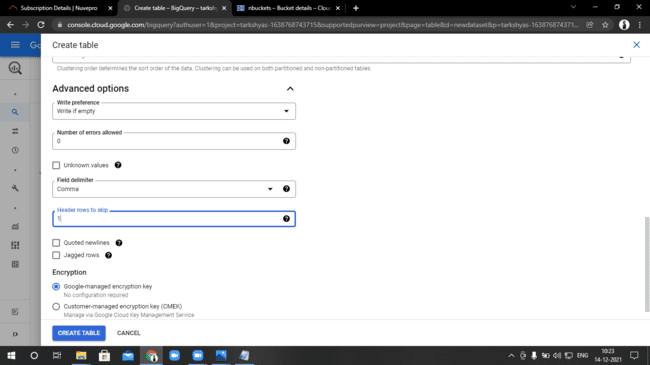
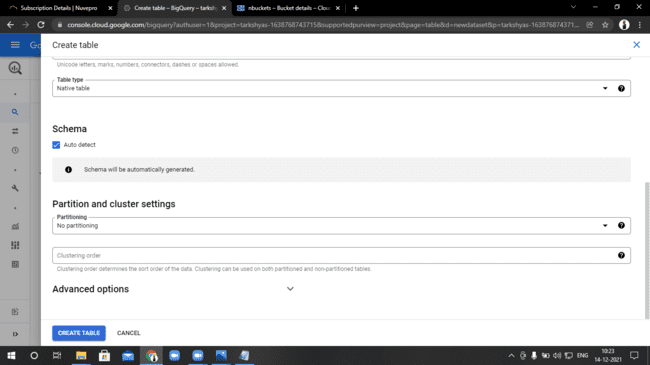
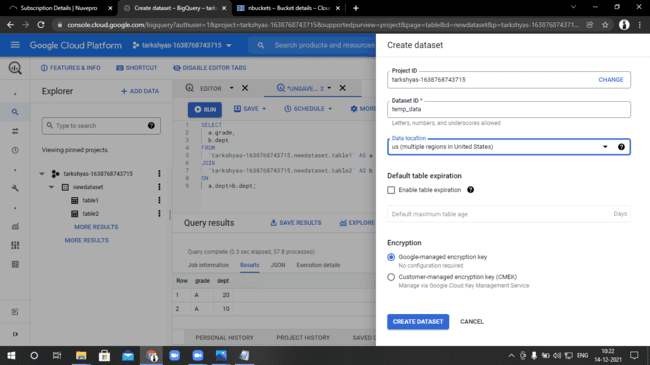
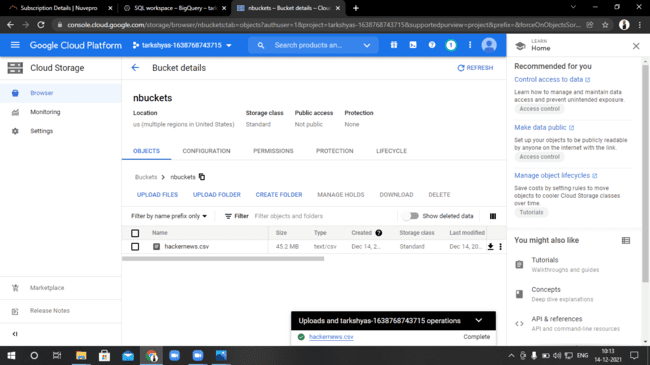
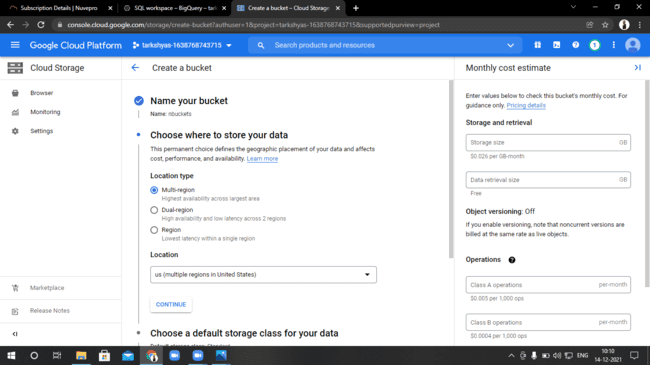
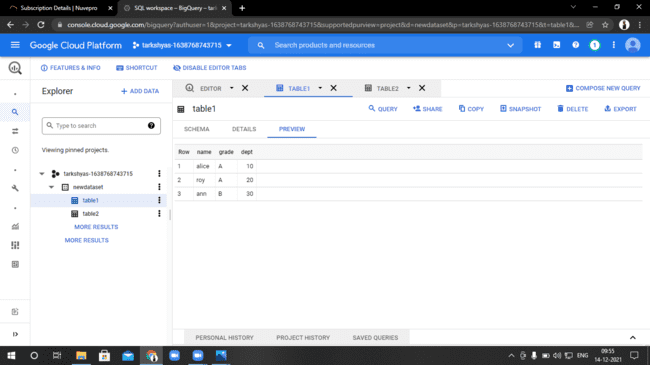
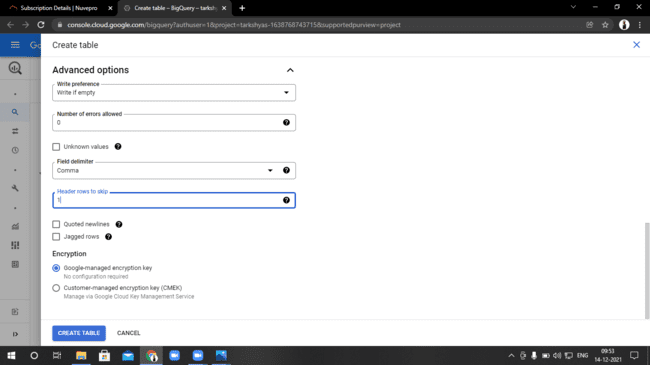
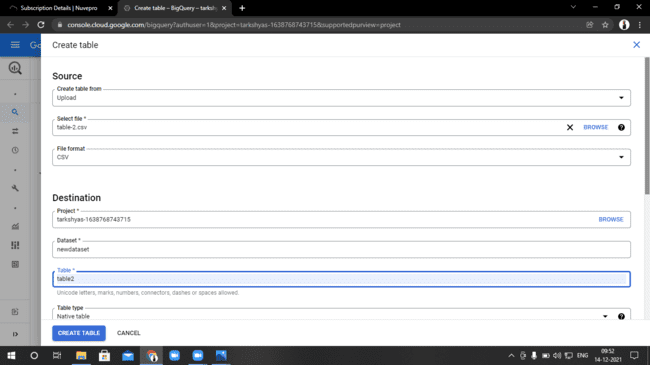
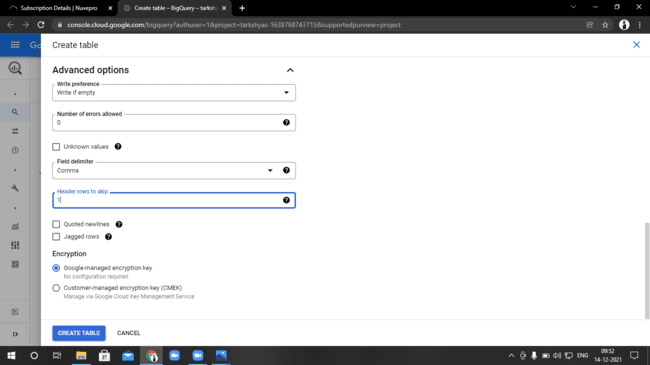
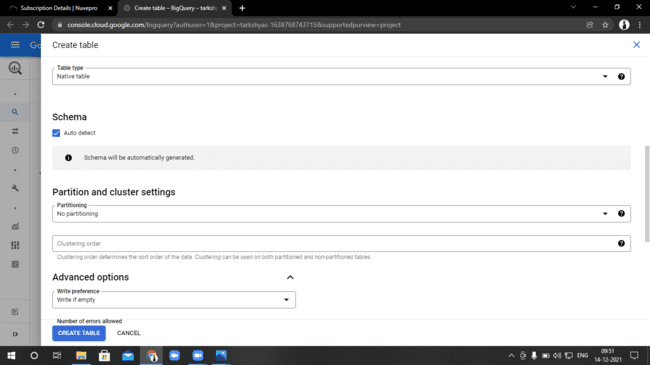
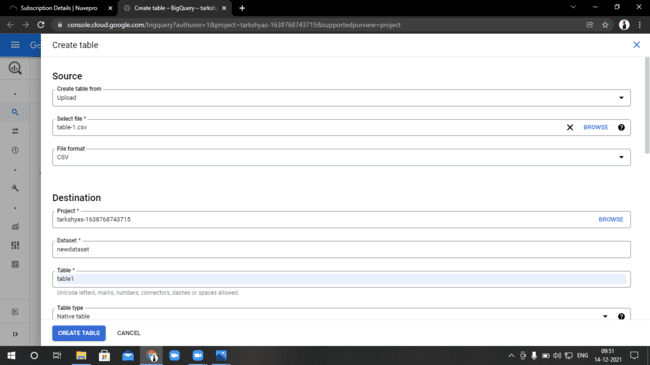
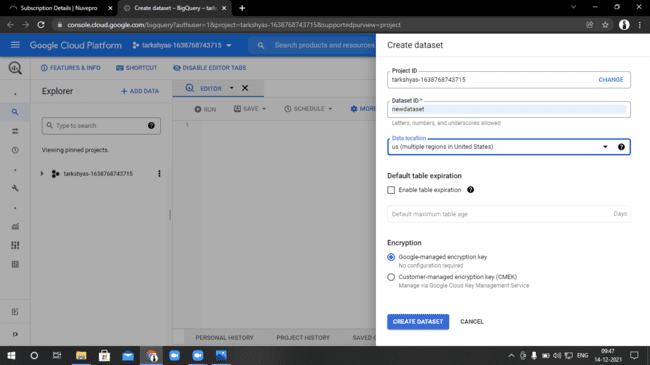
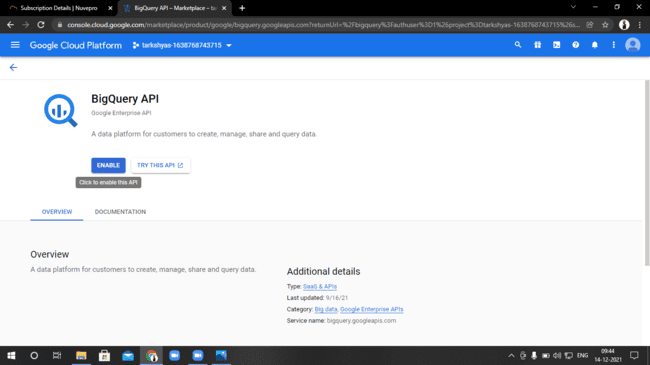
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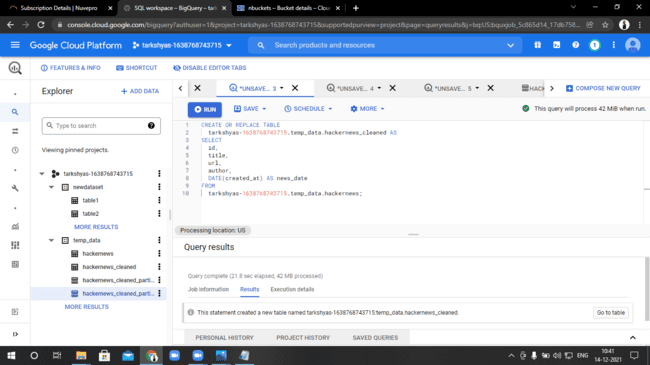
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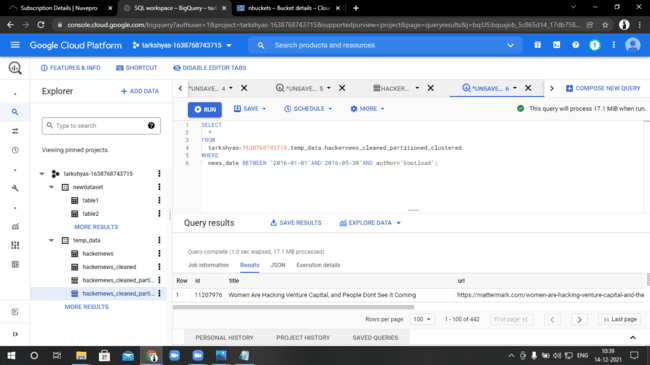
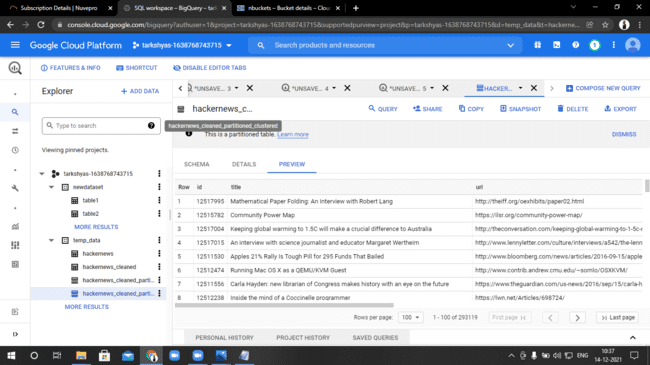
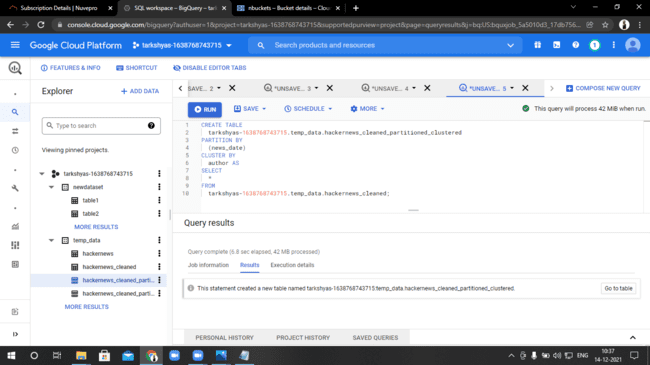
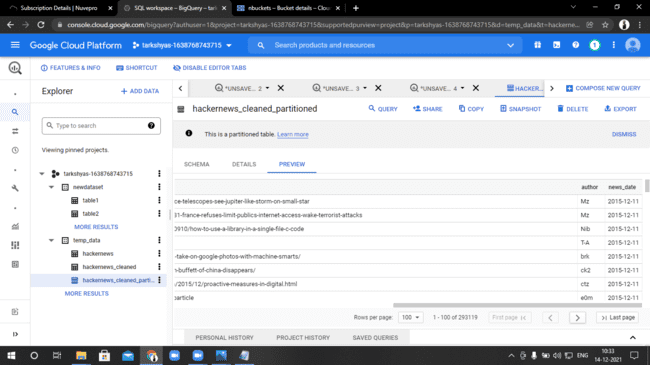
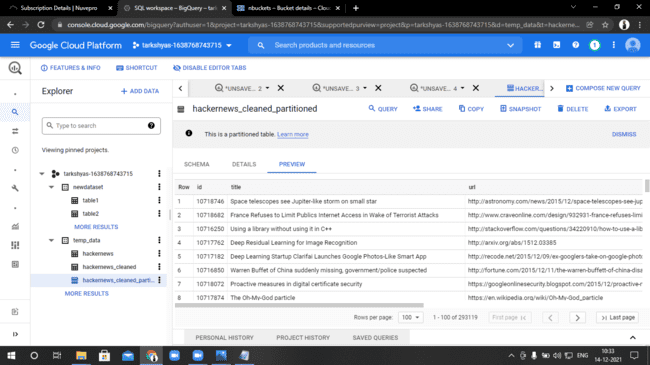
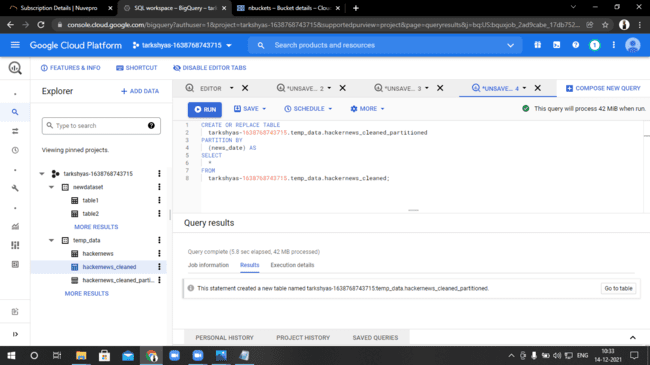
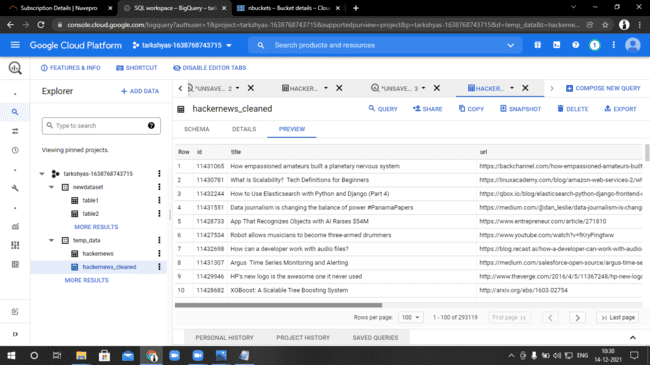
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**6.BigQuery concepts**

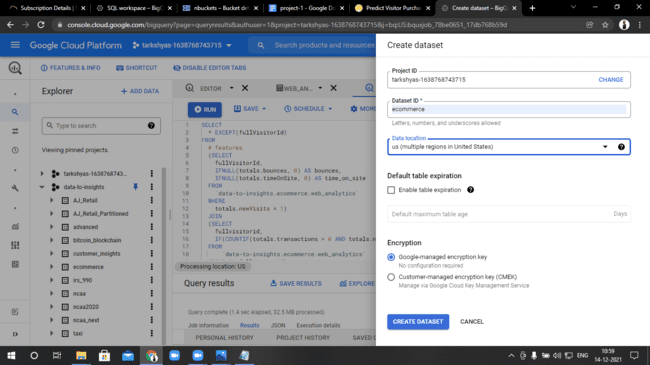
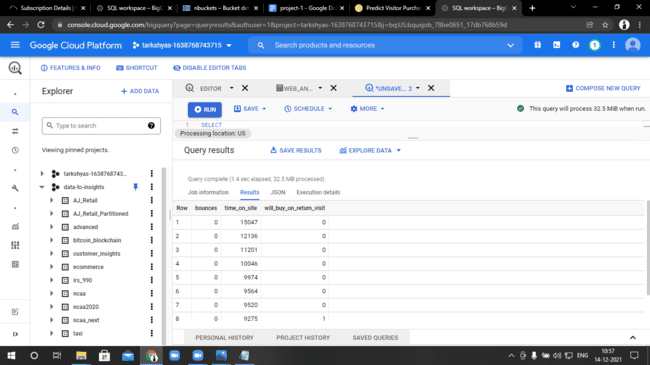
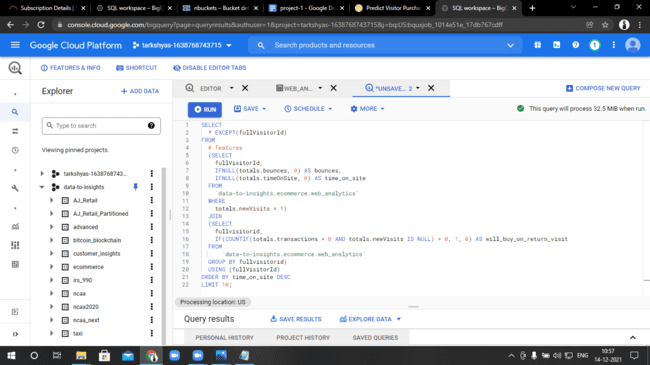
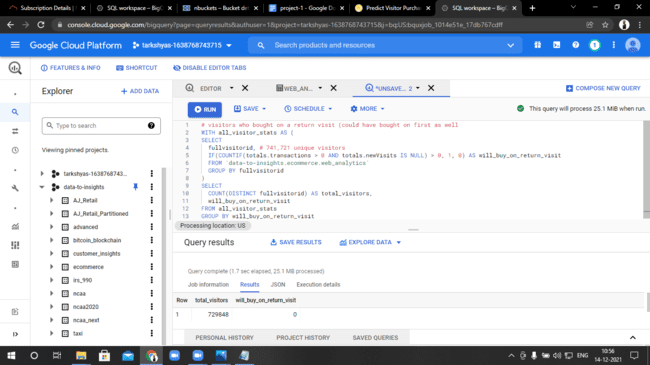
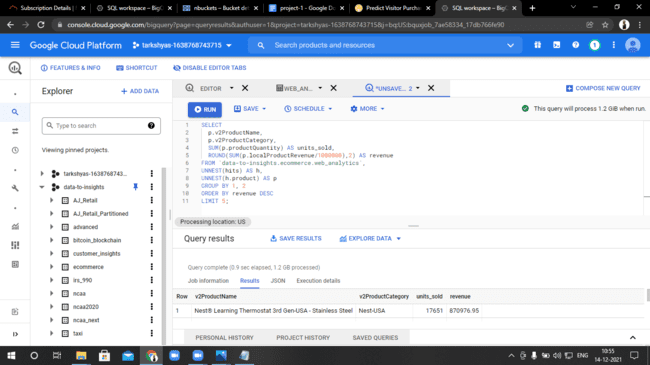
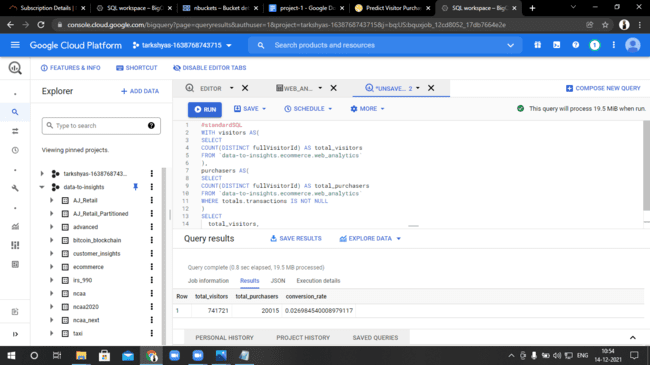
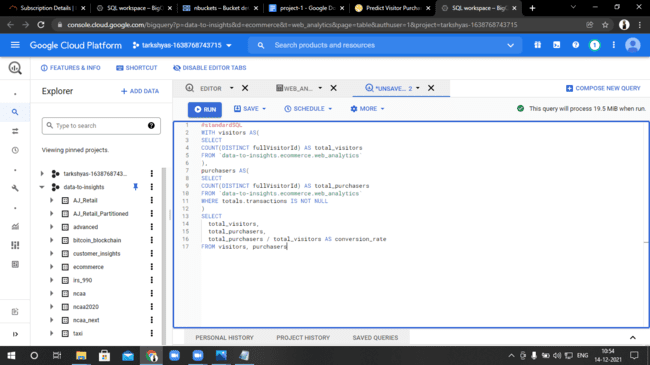
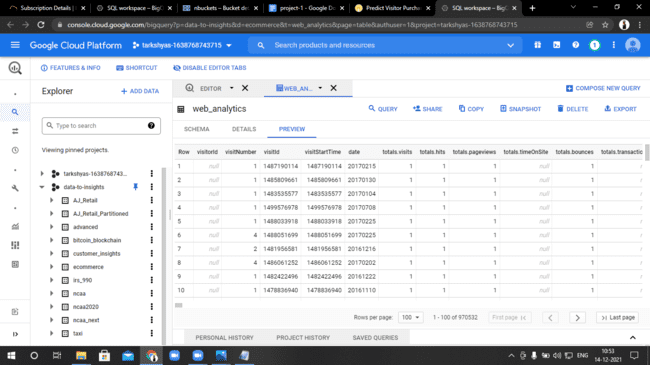
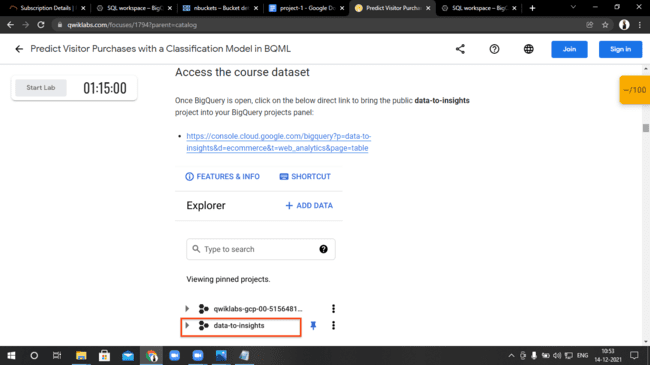
Importing data into bigquery,from cloud storage using sql basics and partitioned tables,clustering:



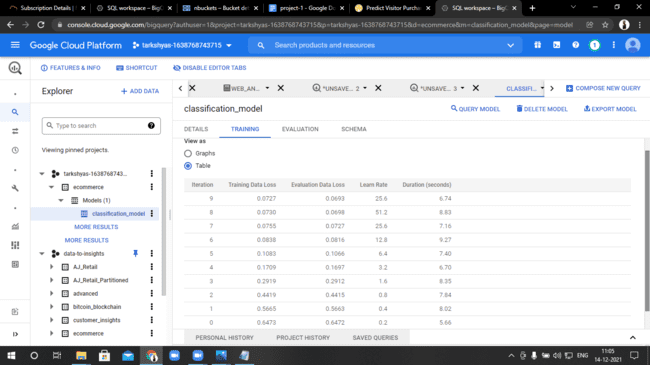
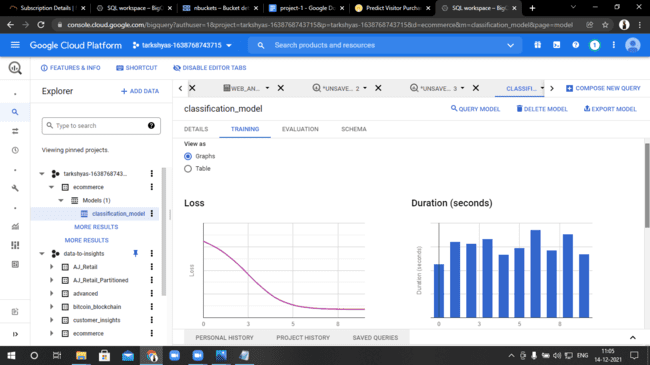
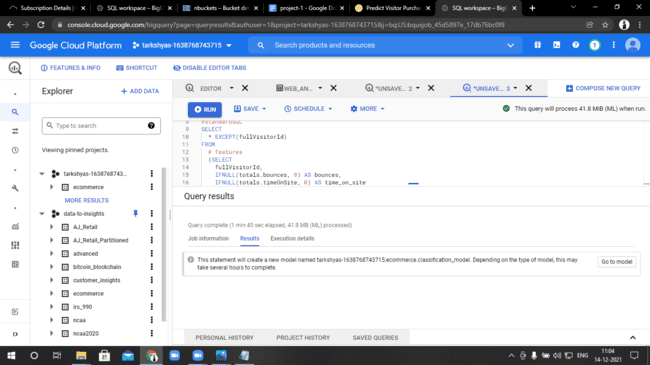
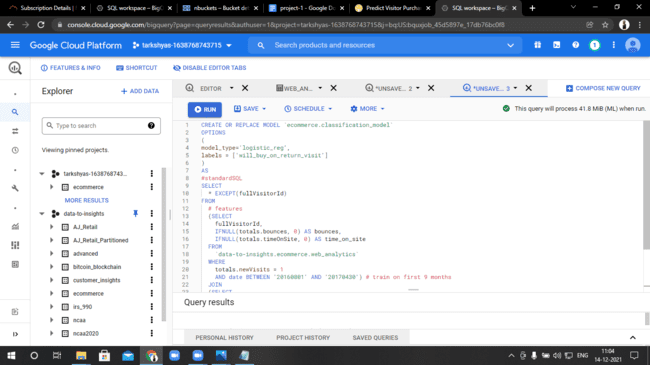




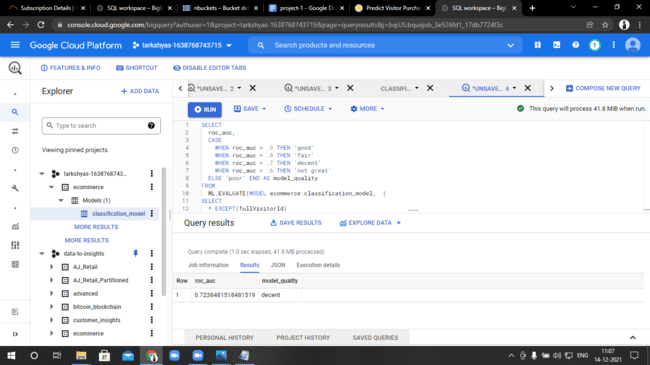
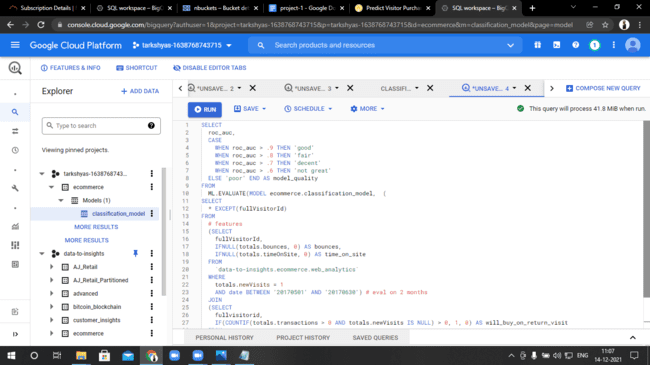
Big Query Machine learning model:



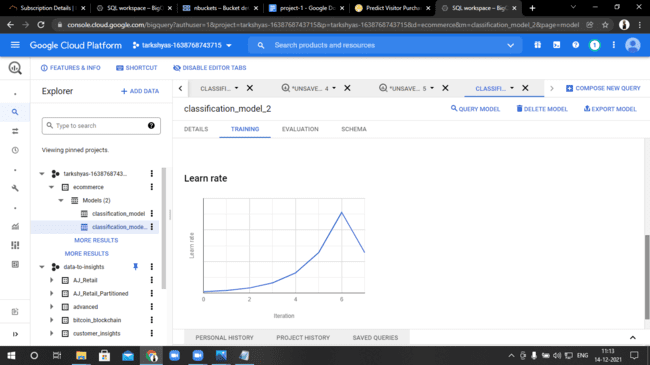
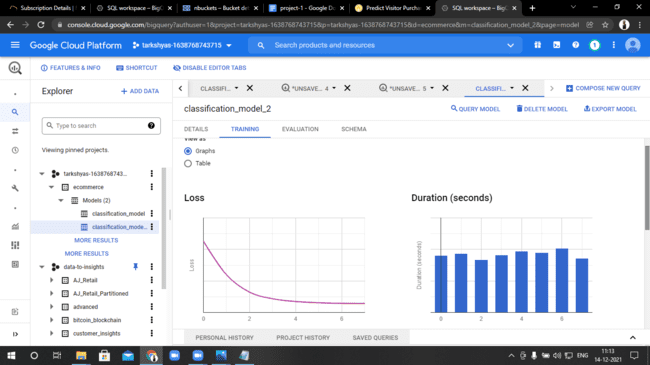
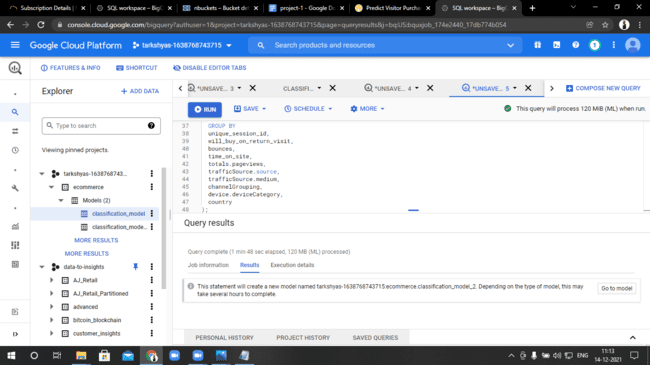
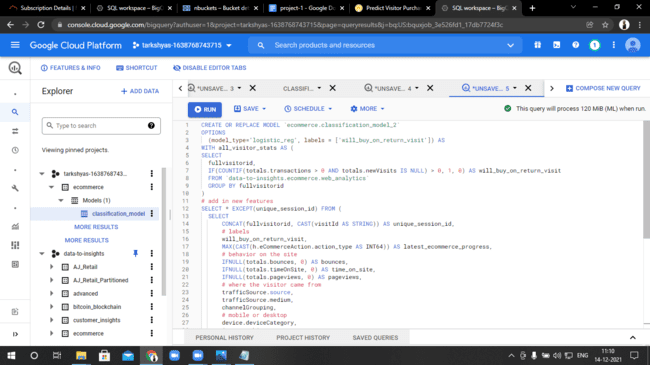
Training Model:



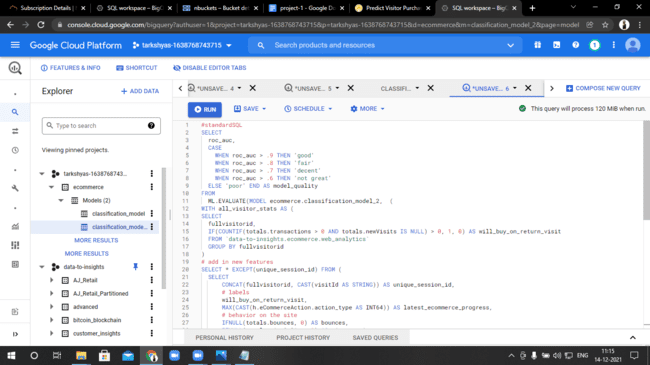
Evaluation:

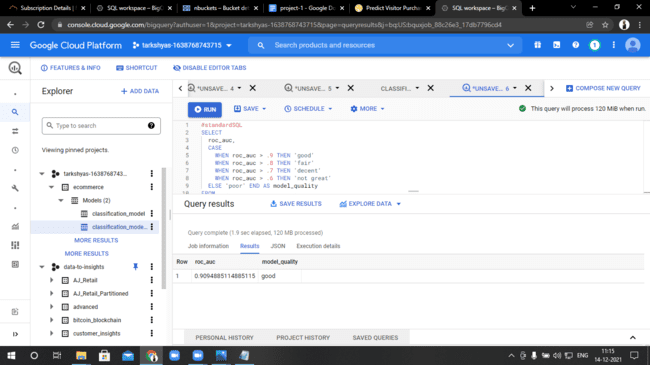


To improve add classification model 2:



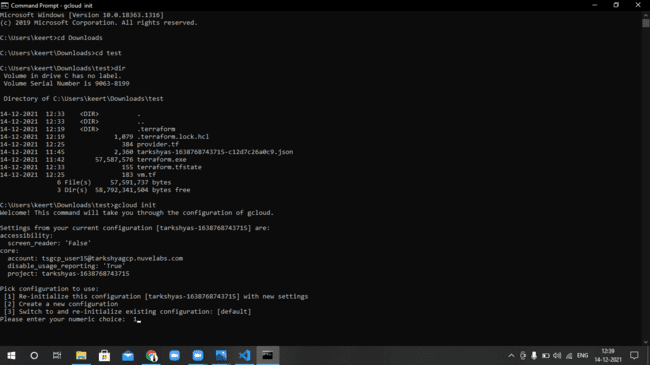
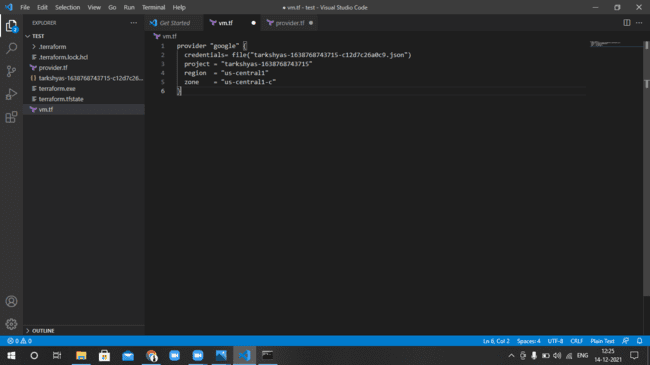
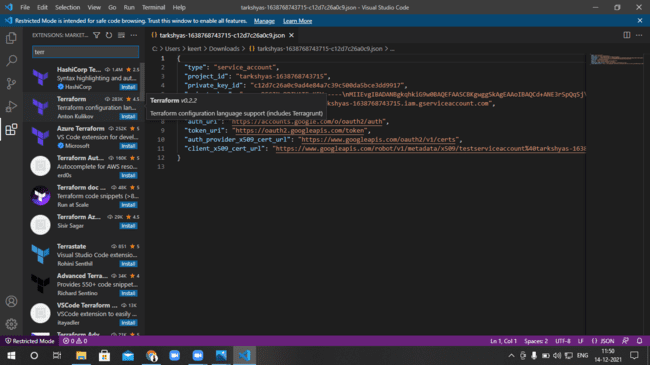
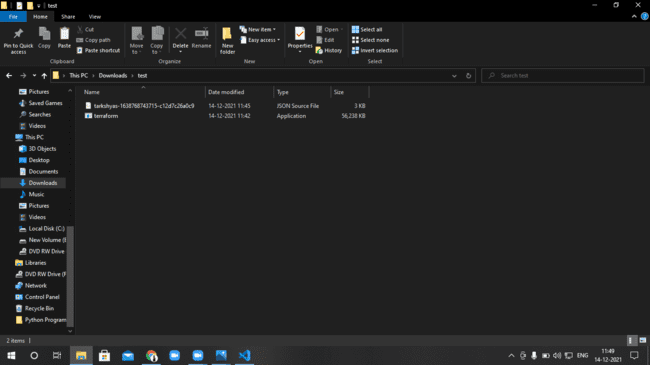
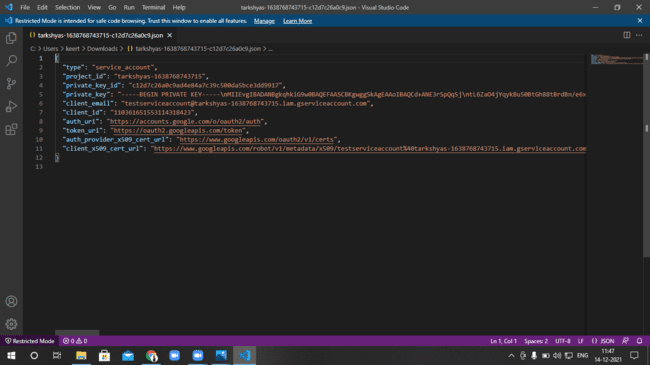
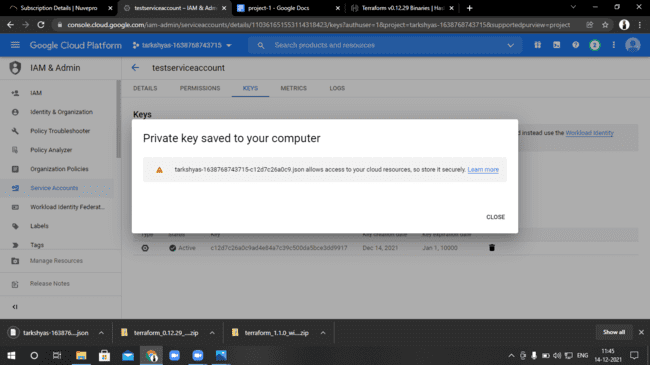
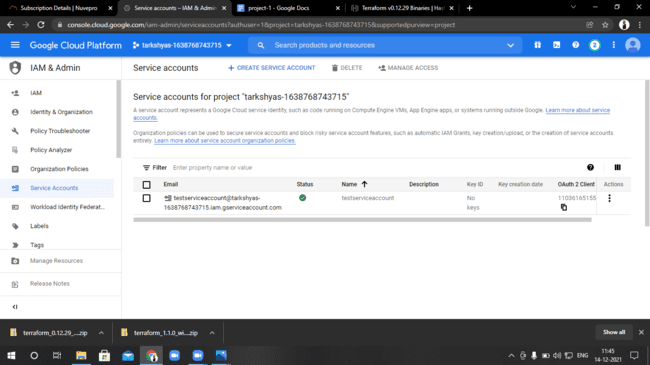
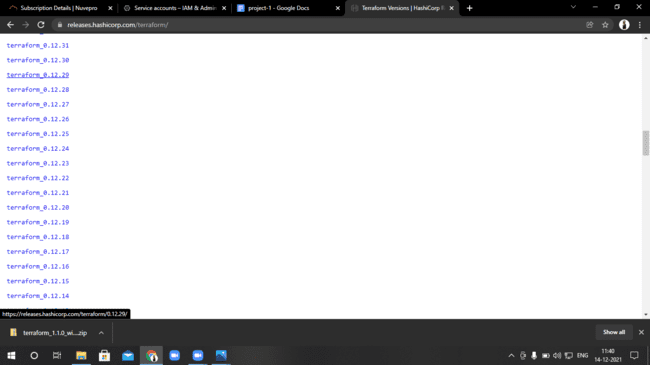
Evaluation:

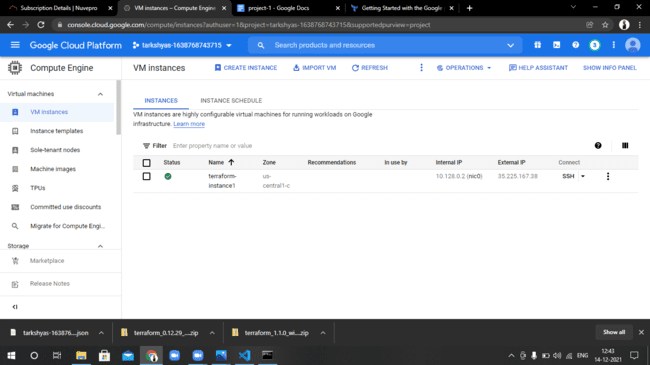
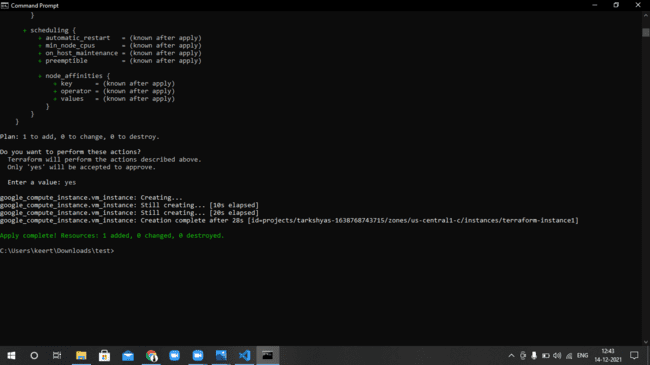
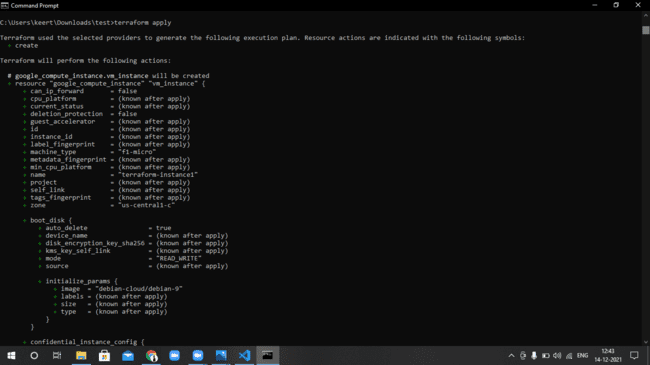


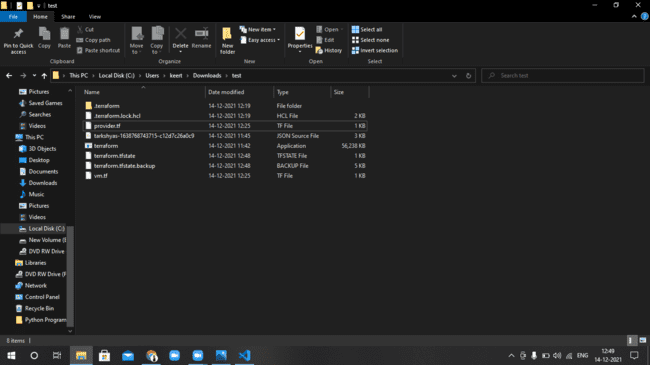


**7.Terraform and Ansible:**

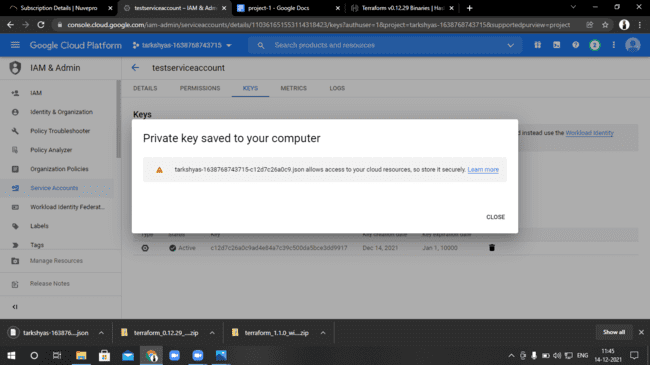
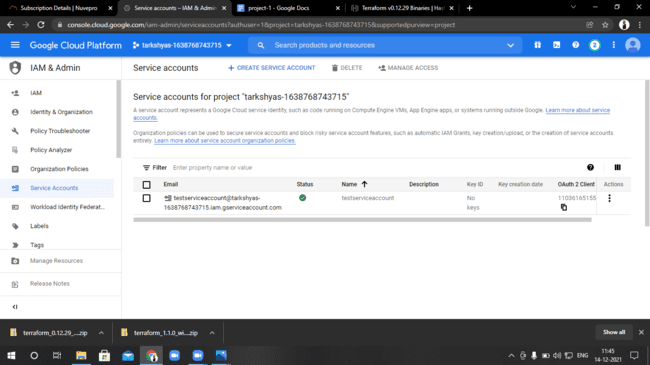
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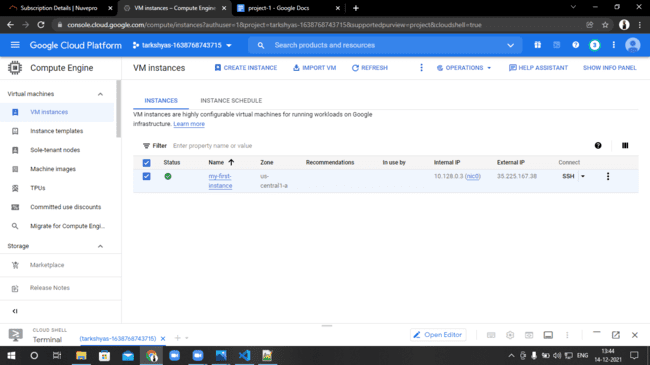
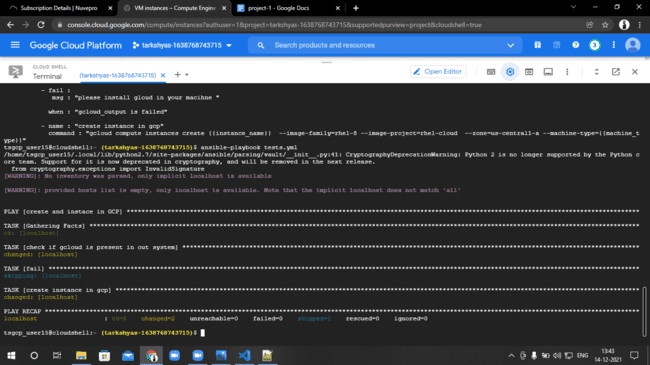
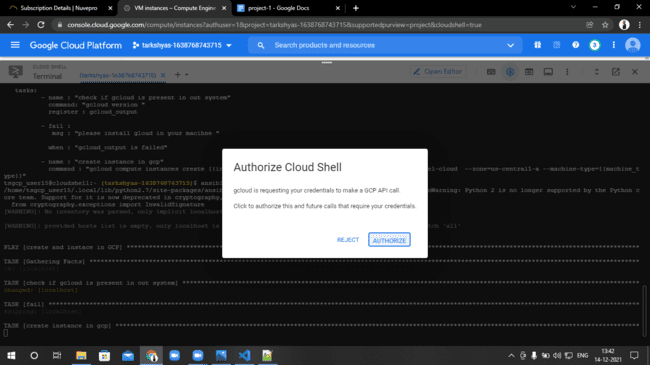
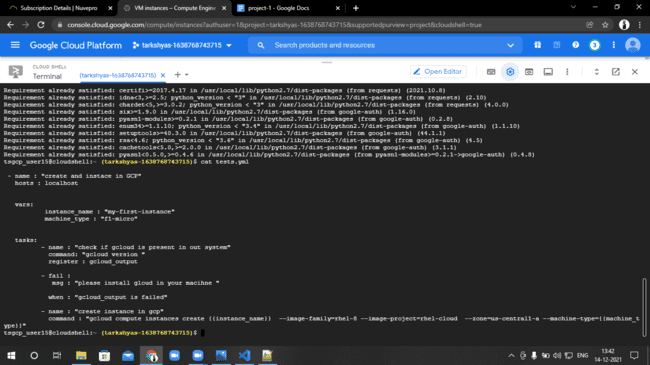
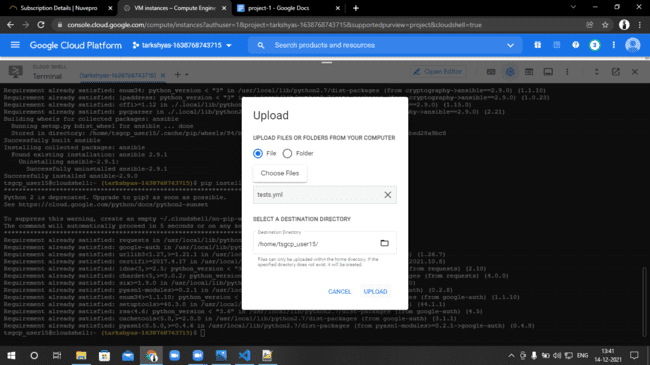
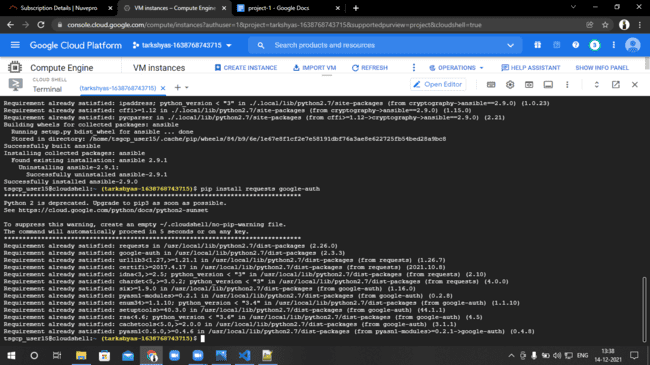
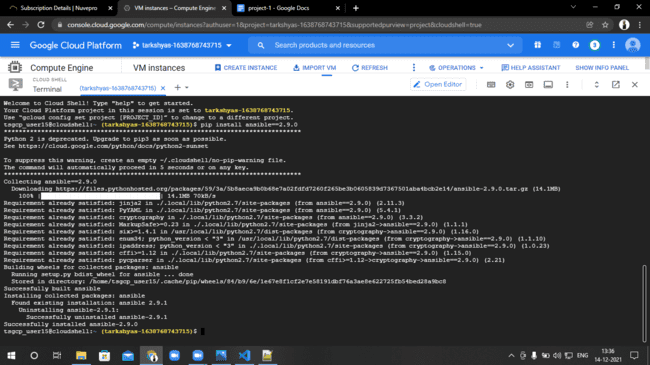




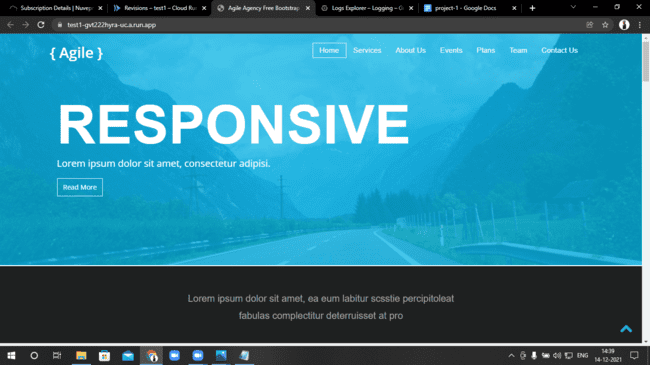
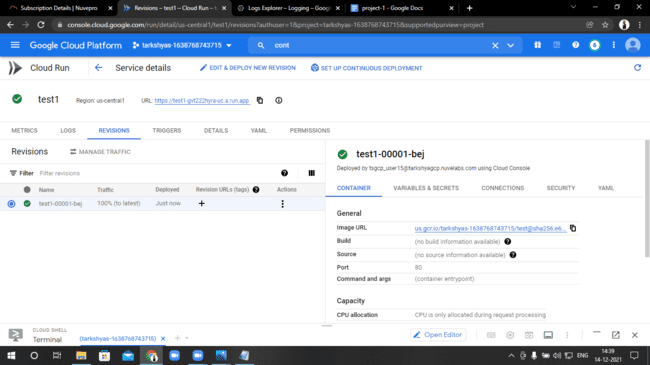
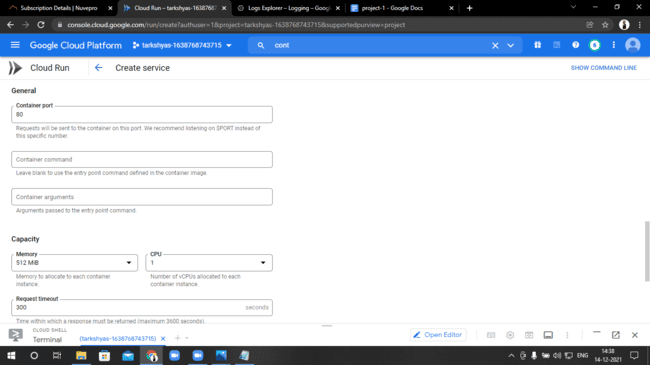
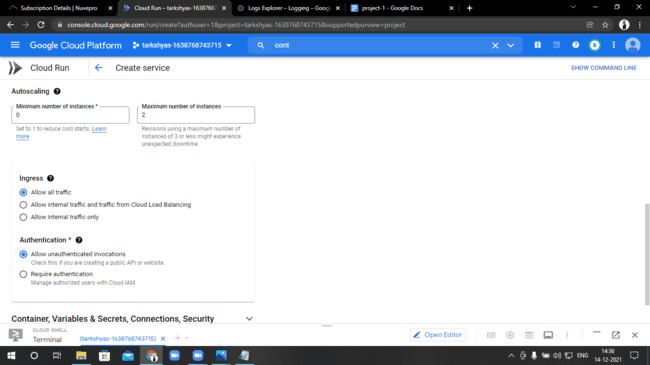
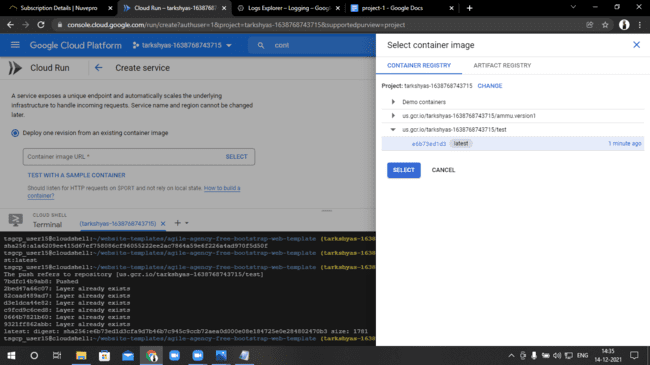
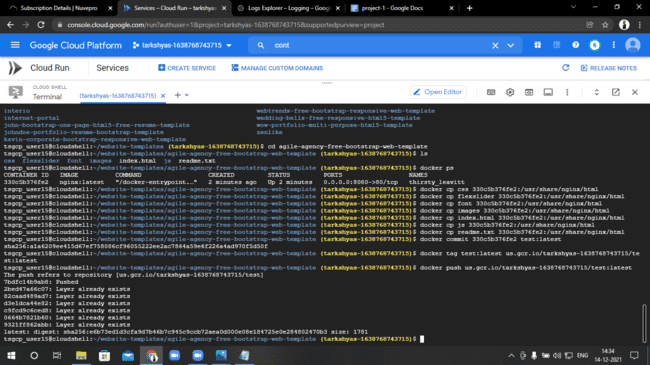
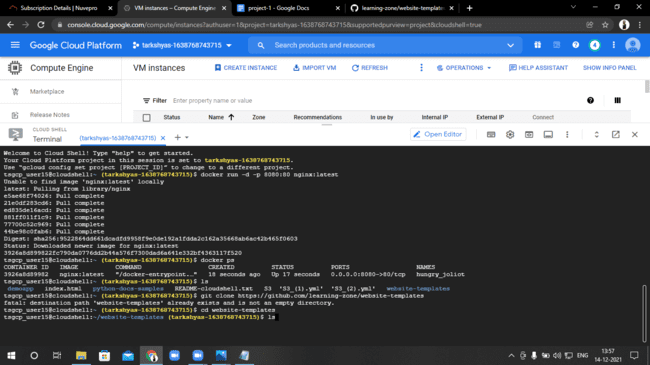


Ansible:

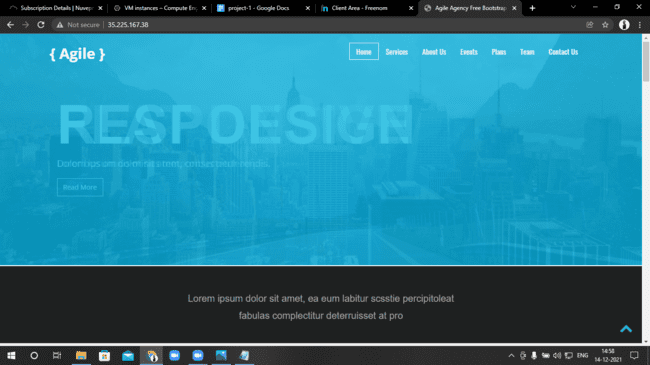
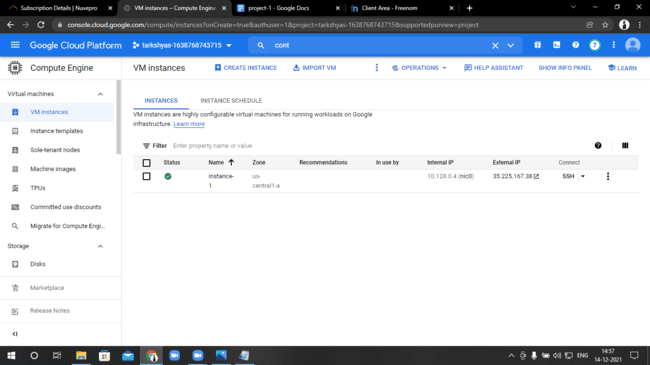
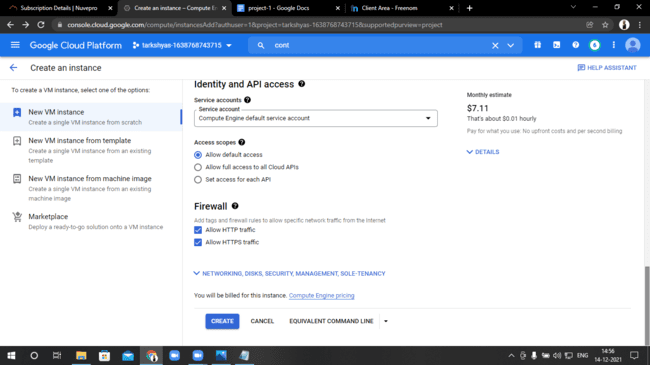
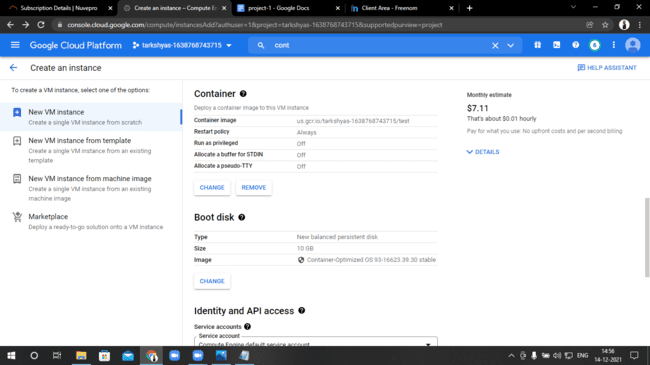
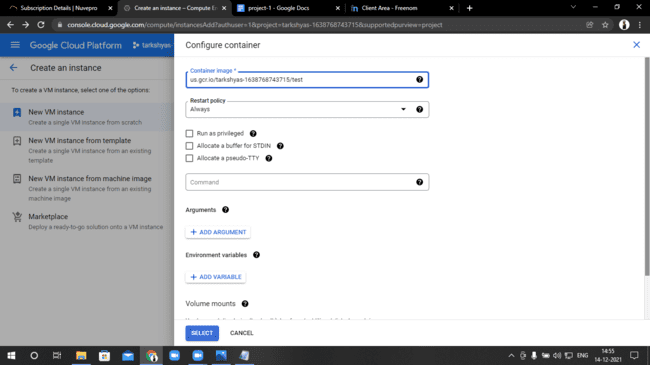
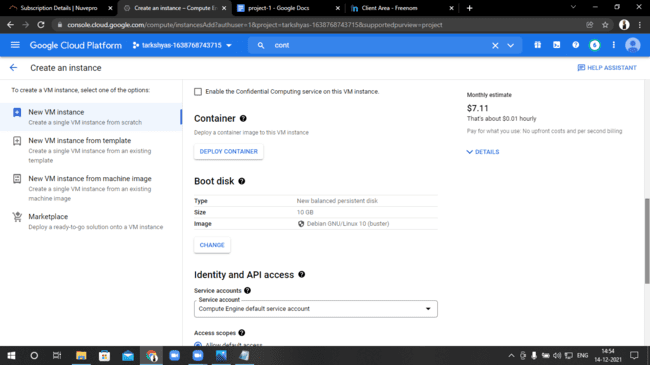
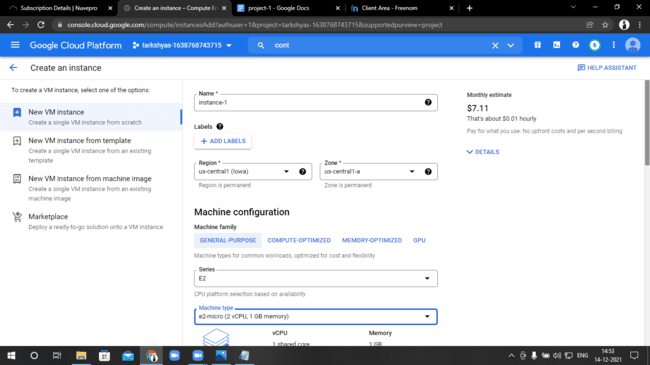
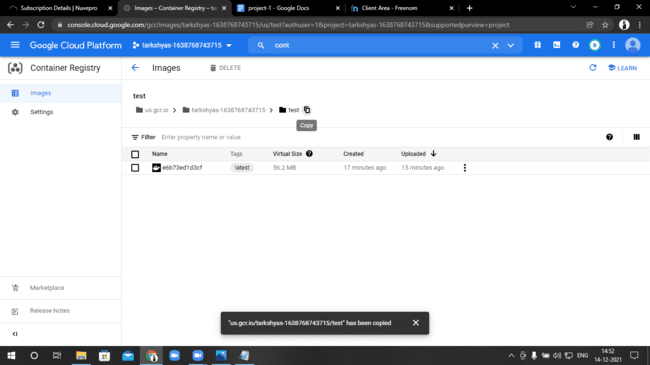




**8.Cloud Run**

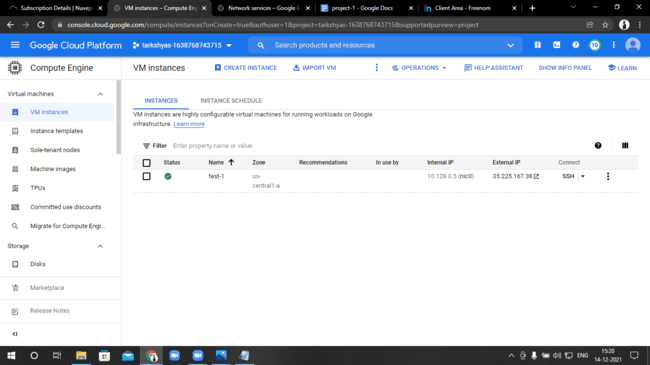
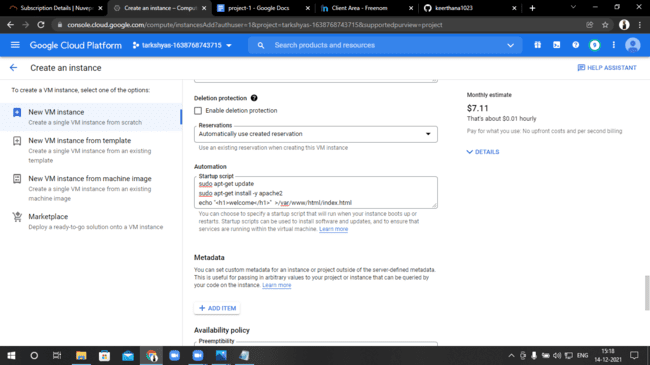
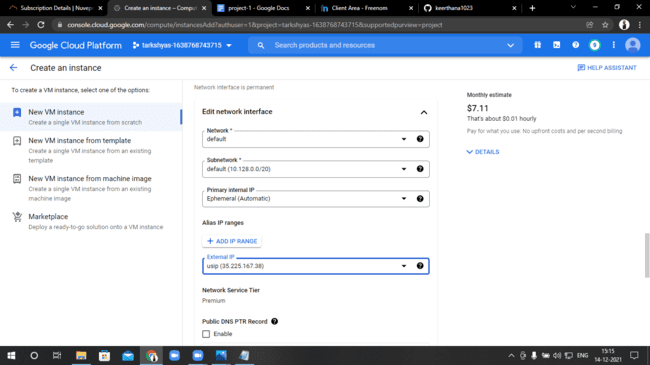
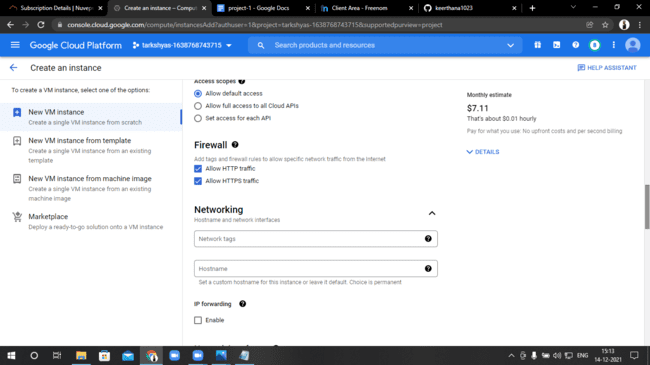
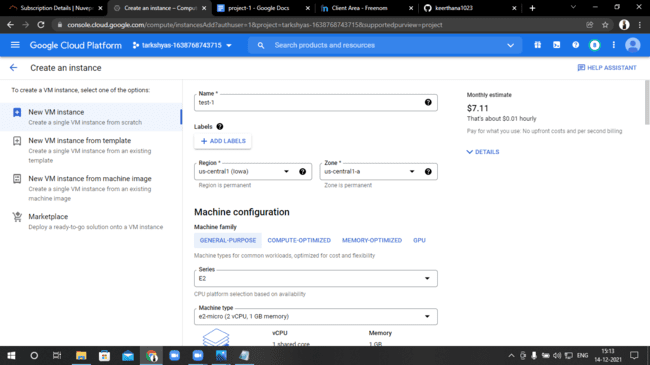
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**9.Linux vm**

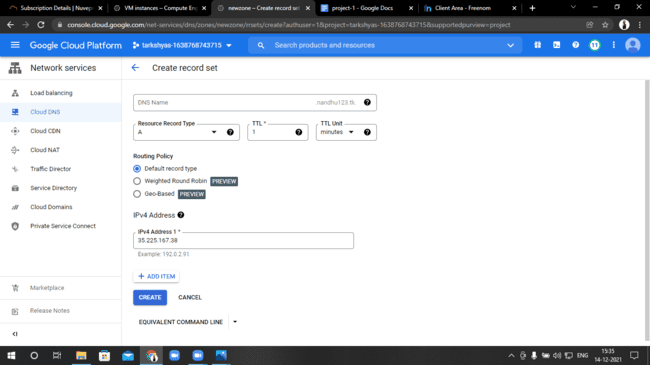
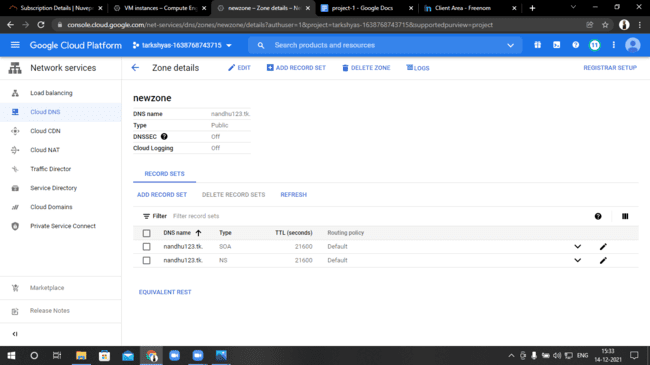
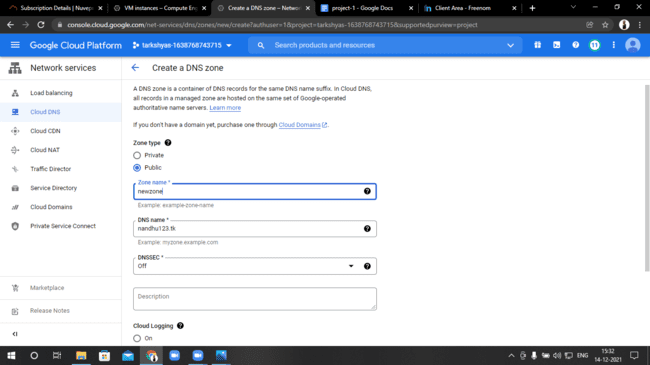
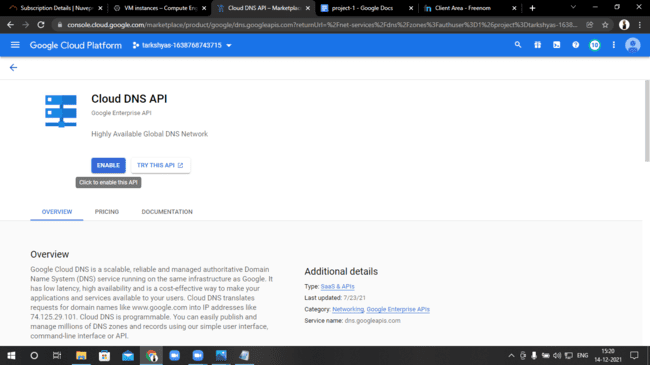
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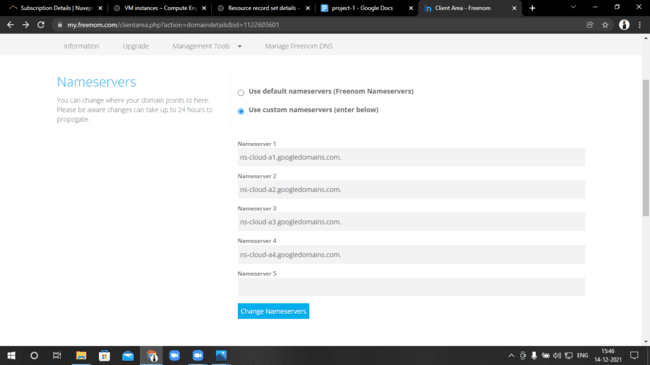
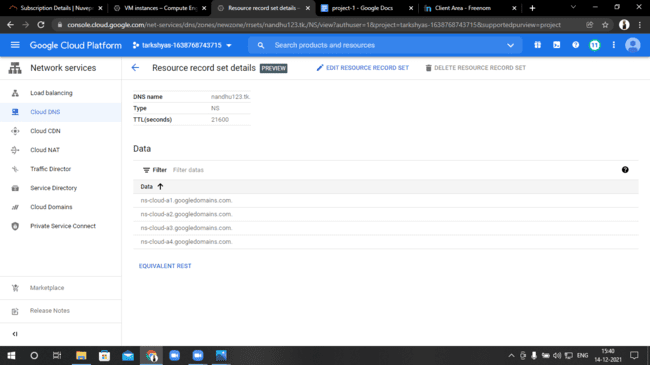
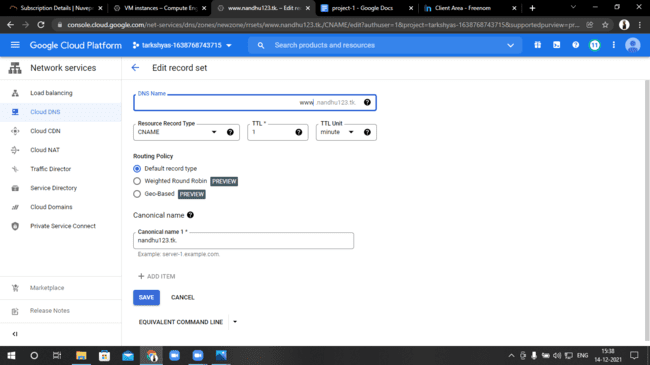
**10.cloud dns**

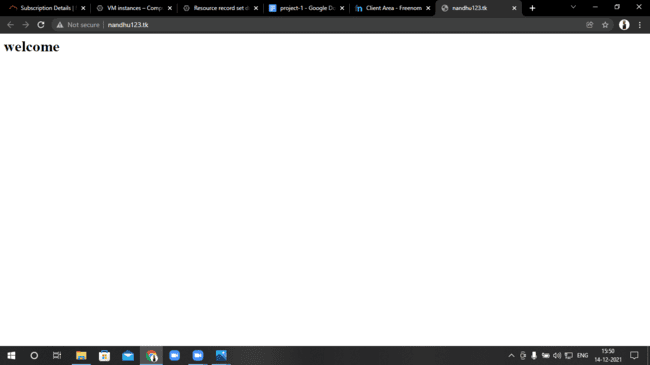
First creating Vm instance:



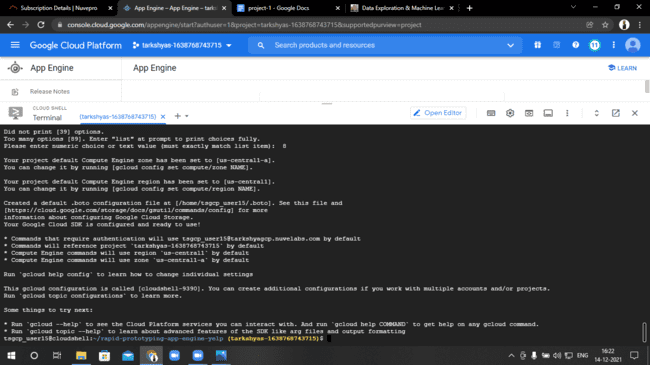
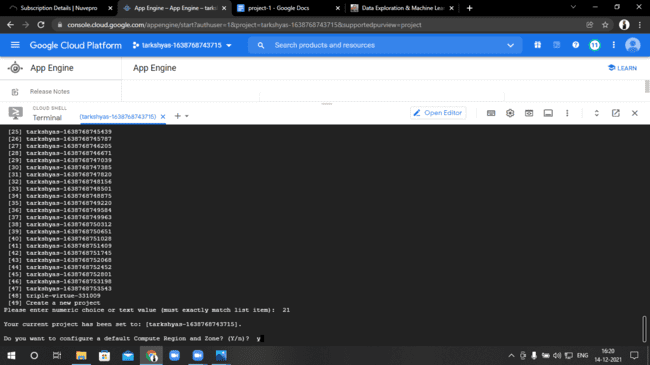
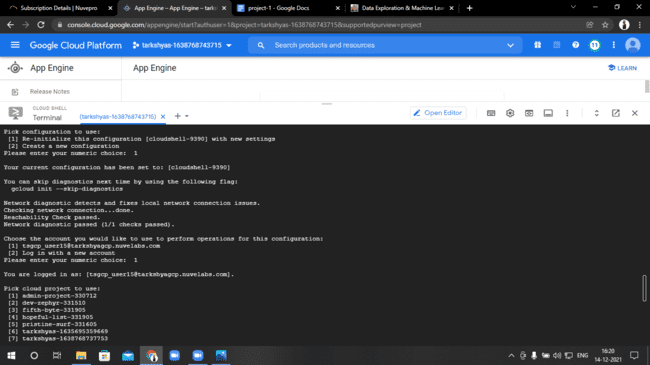
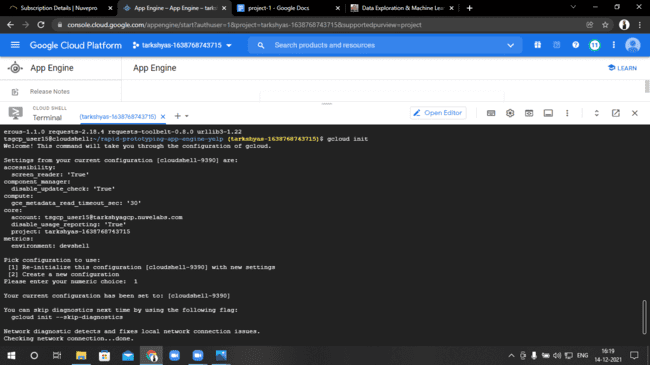
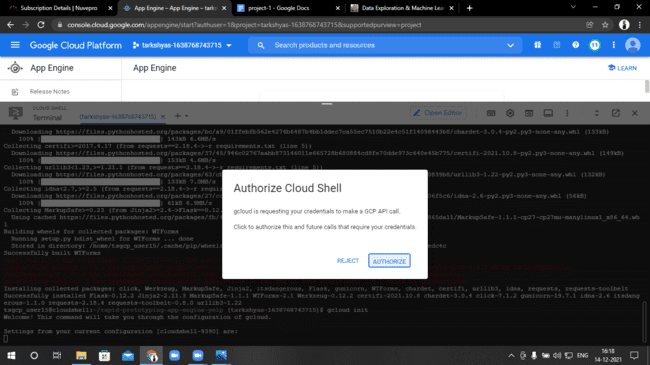
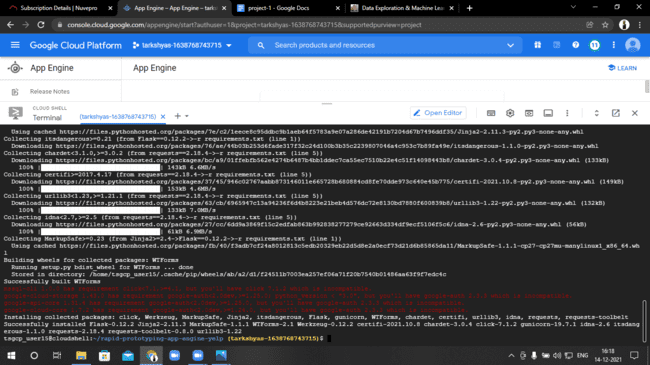
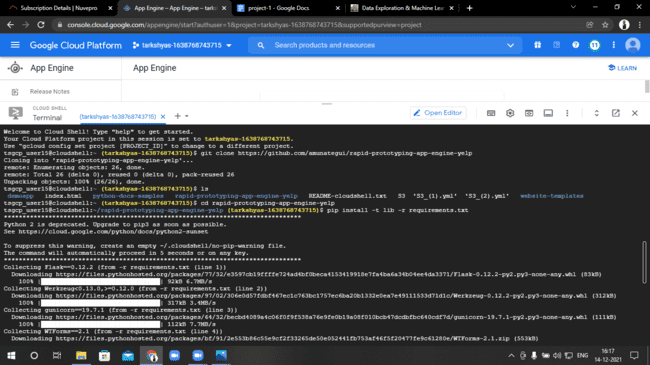
Now creating DNS:



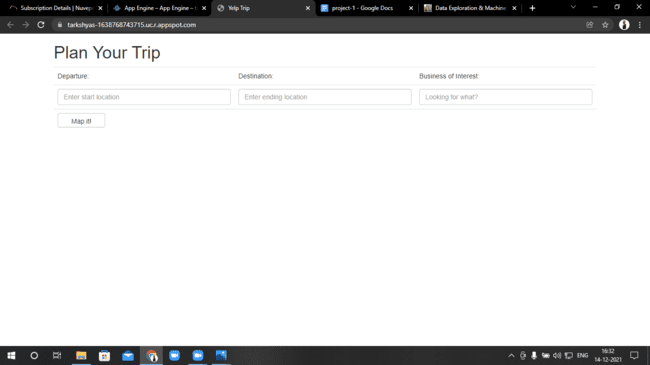
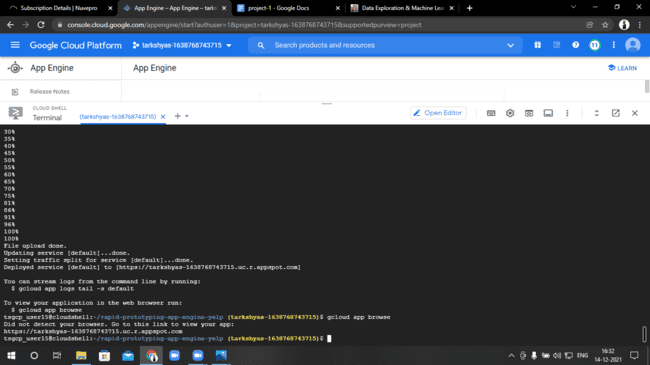




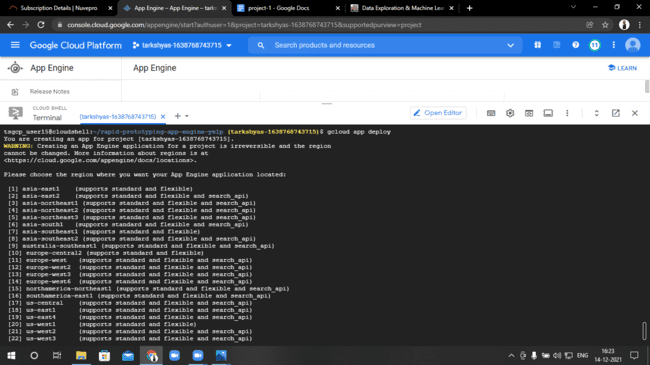
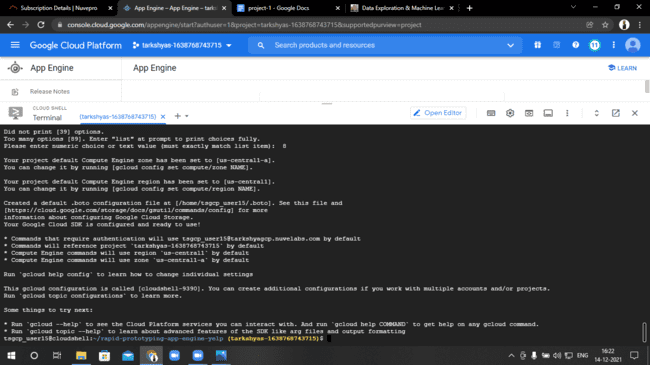
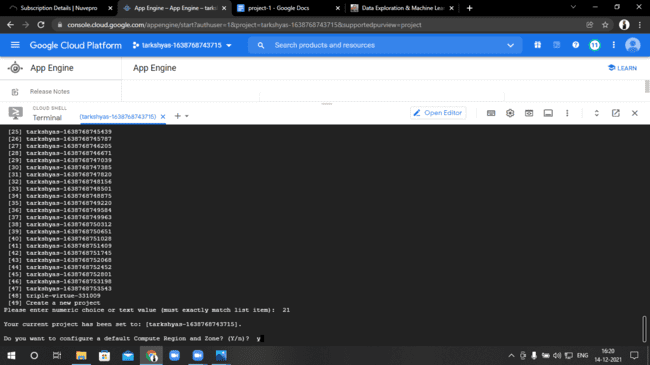
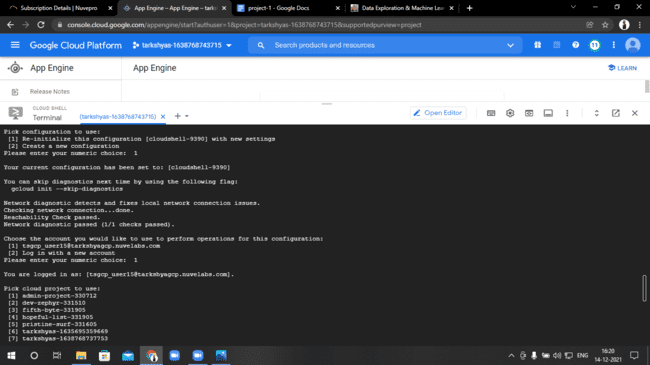
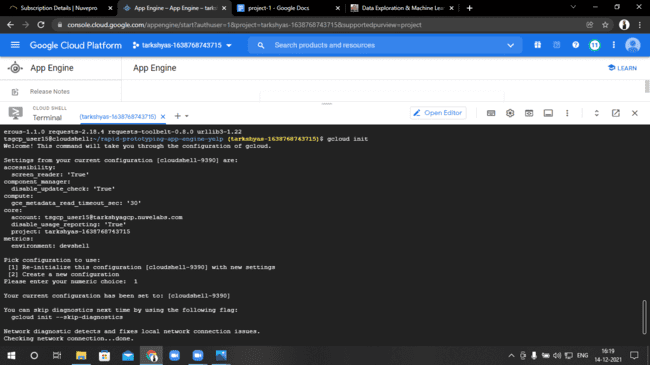
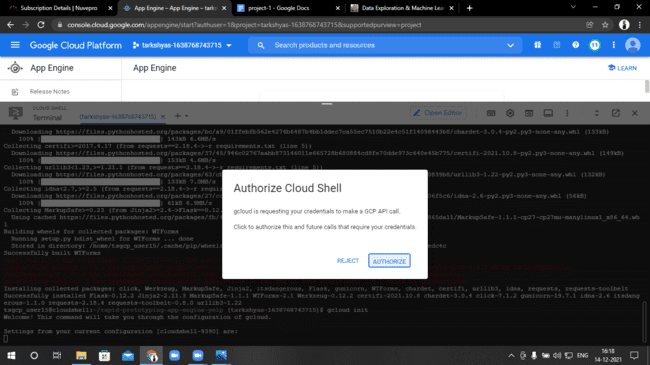
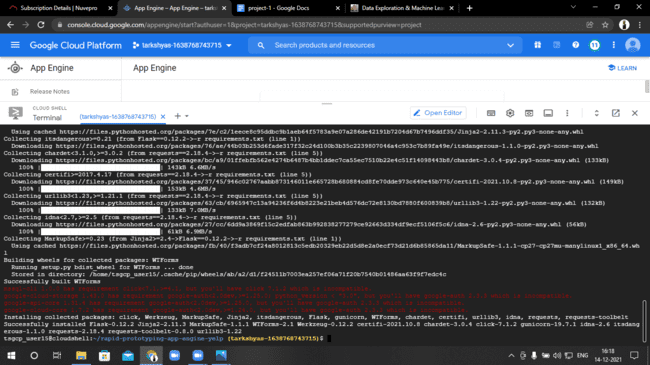
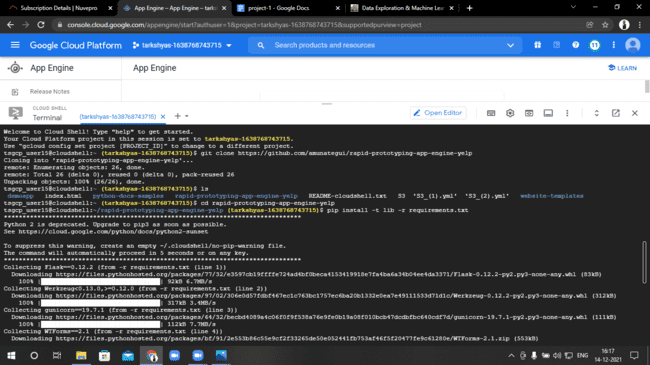
**11.Hosting website using app engine standard environment**

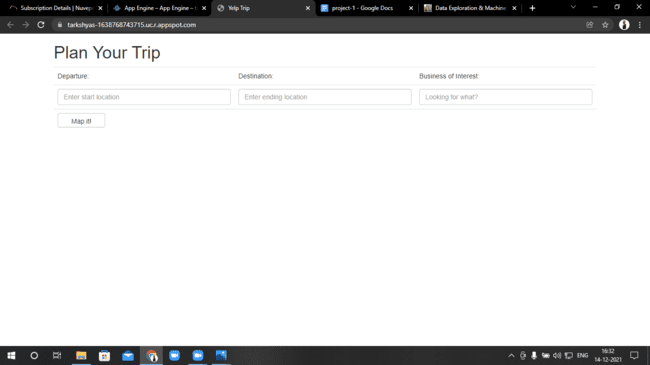
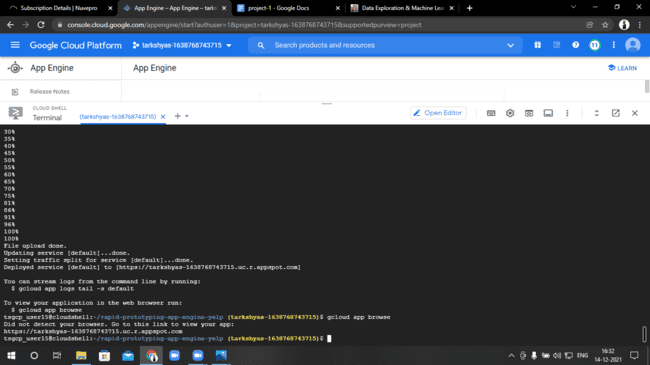
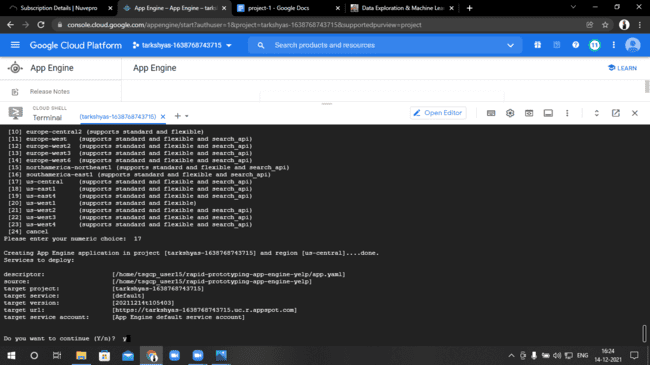
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gcloud app deploy and gcloud app browse:



**12.Hosting Website using app engine flexible environment**

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**LINKS:**

<https://github.com/learning-zone/website-templates>

DNS:<http://nandhu123.tk/>

CloudRun:[http://github.com/learning-zone/website-templates/agile-agency-bootstrap-web-template](http://github.com/learning-zone/website-templates/above-educational-bootstrap-responsive-template)

Kubernetes:<http://github.com/learning-zone/website-templates/above-educational-bootstrap-responsive-template>

vm:<http://github.com/learning-zone/website-templates/above-educational-bootstrap-responsive-template>

AppEngine:<https://github.com/amunategui/rapid-prototyping-app-engine-yelp>