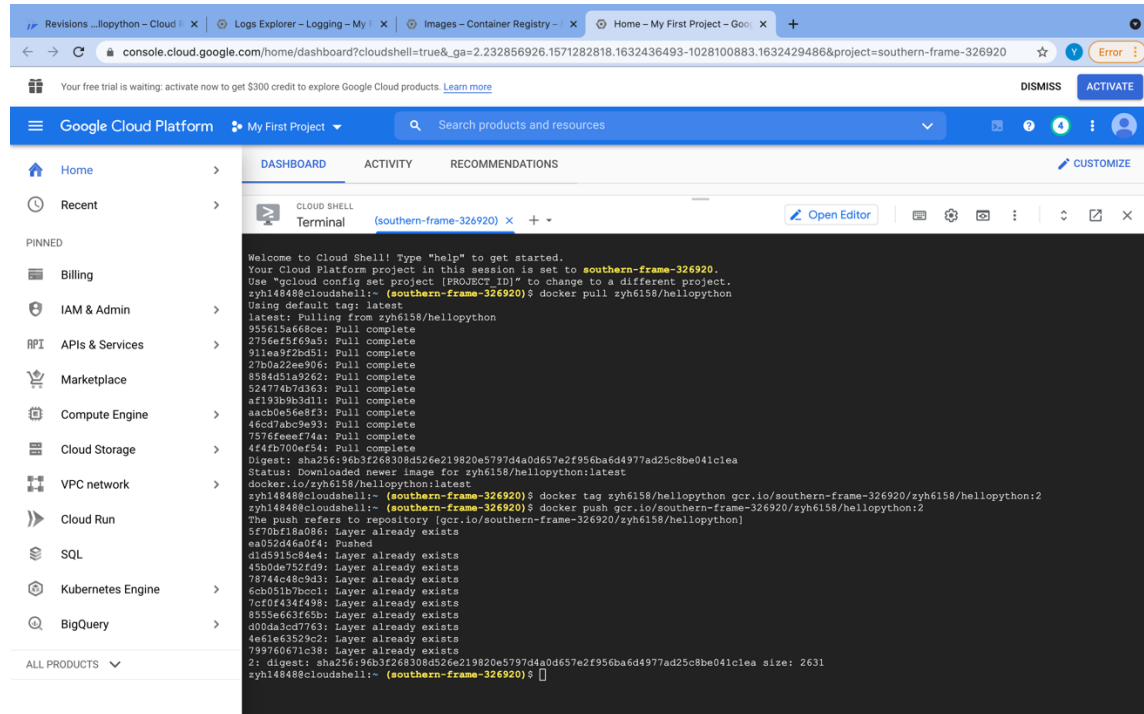


Part 1:

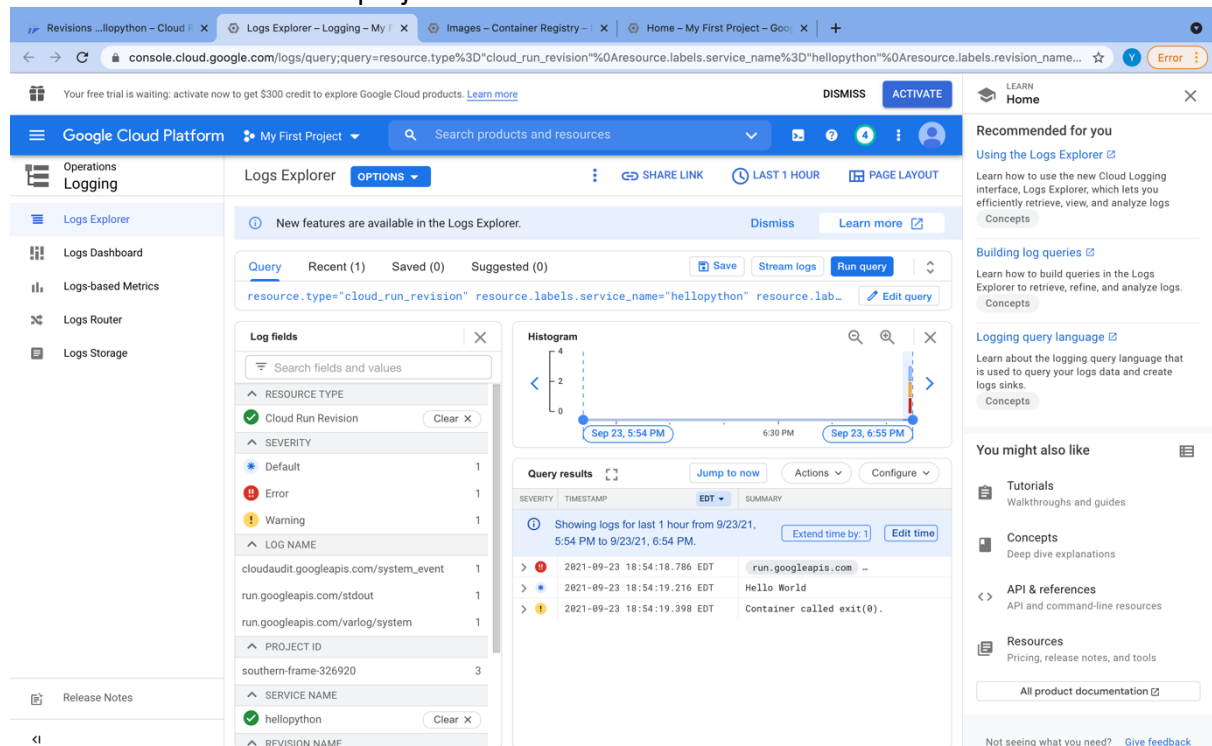
1. URL to my docker image: <https://hub.docker.com/r/zyh6158/hellopython>

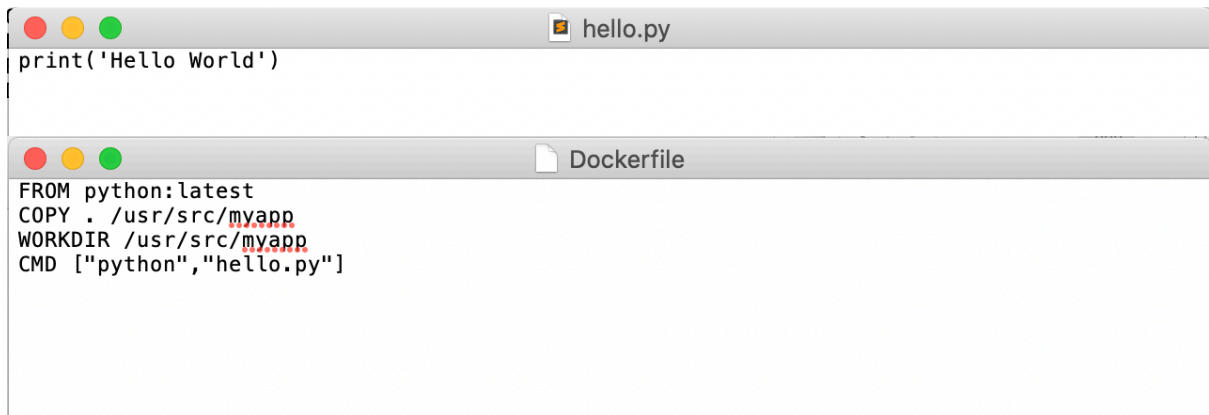
2.



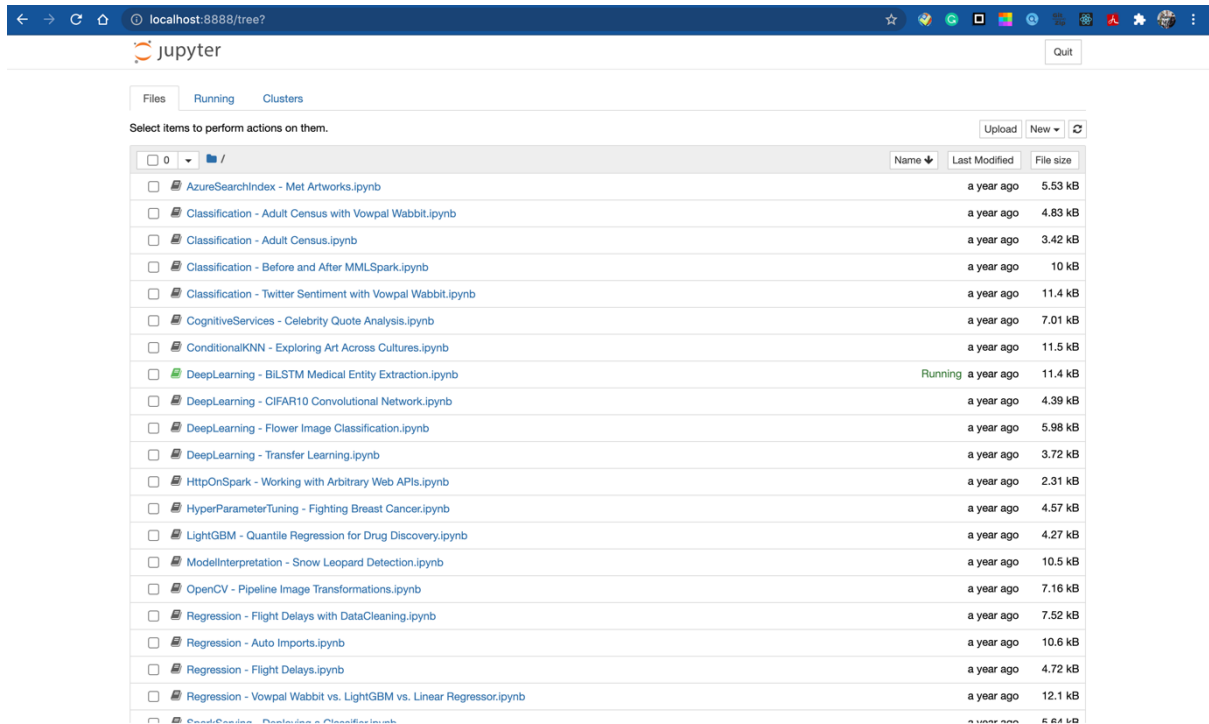
URL for log output:

https://console.cloud.google.com/logs/query;query=resource.type%3D%22cloud_run_revision%22%0Aresource.labels.service_name%3D%22hellopython%22%0Aresource.labels.revision_name%3D%22hellopython-00002-dep%22;cursorTimestamp=2021-09-23T22:54:19.398607868Z?project=southern-frame-326920





Part 2:



Extra Credit:

The screenshot shows the Google Cloud Platform console with the 'Kubernetes Engine' section selected. The 'Clusters' page displays the details for a cluster named 'zyhhelloypython'. The cluster is located in the 'us-east1-b' zone and is currently in a 'Running' state. The 'DETAILS' tab is active, showing the following information:

Cluster basics		
Name	zyhhelloypython	
Location type	Zonal	
Control plane zone	us-east1-b	
Default node zones	us-east1-b	
Release channel	None	UPGRADE AVAILABLE
Version	1.20.10-gke.1600	
Total size	2	
Endpoint	34.75.222.71	

The 'Automation' section shows the following settings:

Automation		
Maintenance window	Any time	
Maintenance exclusions	None	
Upgrade notifications	Disabled	
Vertical Pod Autoscaling	Disabled	
Node auto-provisioning	Disabled	
Autoscaling profile	Balanced	

The URL in the address bar is: <https://console.cloud.google.com/kubernetes/clusters/details/us-east1-b/zyhhelloypython/details?project=southern-frame-326920>

The screenshot shows the Google Cloud Platform console with the 'Cloud Shell' terminal open. The terminal output displays the following information:

```
Welcome to Cloud Shell! Type "help" to get started.
Your Cloud Platform project in this session is set to southern-frame-326920.
Use "gcloud config set project [PROJECT_ID]" to change to a different project.
zyh14848@cloudshell:~ (southern-frame-326920) $ gcloud config set project southern-frame-326920
Updated property [core/project].
zyh14848@cloudshell:~ (southern-frame-326920) $ gcloud container clusters create --machine-type n1-standard-2 --num-nodes 2 --zone us-east1-b --c
luster-version latest zyhhelloypython
WARNING: Currently VPC-native is not the default mode during cluster creation. In the future, this will become the default mode and can be disab
led using "--no-enable-ip-alias" flag. Use "--[no-]enable-ip-alias" flag to suppress this warning.
WARNING: Starting with version 1.18, clusters will have shielded GKE nodes by default.
WARNING: Your Pod address range ('--cluster-ipv4-cidr') can accommodate at most 1008 node(s).
WARNING: Starting with version 1.19, newly created clusters and node-pools will have COS_CONTAINERD as the default node image when no image type
is specified.
Creating cluster zyhhelloypython in us-east1-b...done.
Created [https://container.googleapis.com/v1/projects/southern-frame-326920/zones/us-east1-b/clusters/zyhhelloypython].
To inspect the contents of your cluster, go to: https://console.cloud.google.com/kubernetes/workload/_gcloud/us-east1-b/zyhhelloypython?project=s
outhern-frame-326920
kubeconfig entry generated for zyhhelloypython.
NAME: zyhhelloypython
LOCATION: us-east1-b
MASTER VERSION: 1.20.10-gke.1600
MASTER IP: 34.75.222.71
MACHINE TYPE: n1-standard-2
NODE VERSION: 1.20.10-gke.1600
NUM_NODES: 2
STATUS: RUNNING
zyh14848@cloudshell:~ (southern-frame-326920) $ kubectl get deployments
NAME READY UP-TO-DATE AVAILABLE AGE
hello-1 0/3 3 0 7m44s
zyh14848@cloudshell:~ (southern-frame-326920) $ kubectl get pods
NAME READY STATUS RESTARTS AGE
hello-1-69b487fbf9-75gpc 0/1 CrashLoopBackOff 6 7m59s
hello-1-69b487fbf9-tgrs7 0/1 CrashLoopBackOff 6 7m59s
hello-1-69b487fbf9-v76hf 0/1 CrashLoopBackOff 6 7m59s
zyh14848@cloudshell:~ (southern-frame-326920) $
```