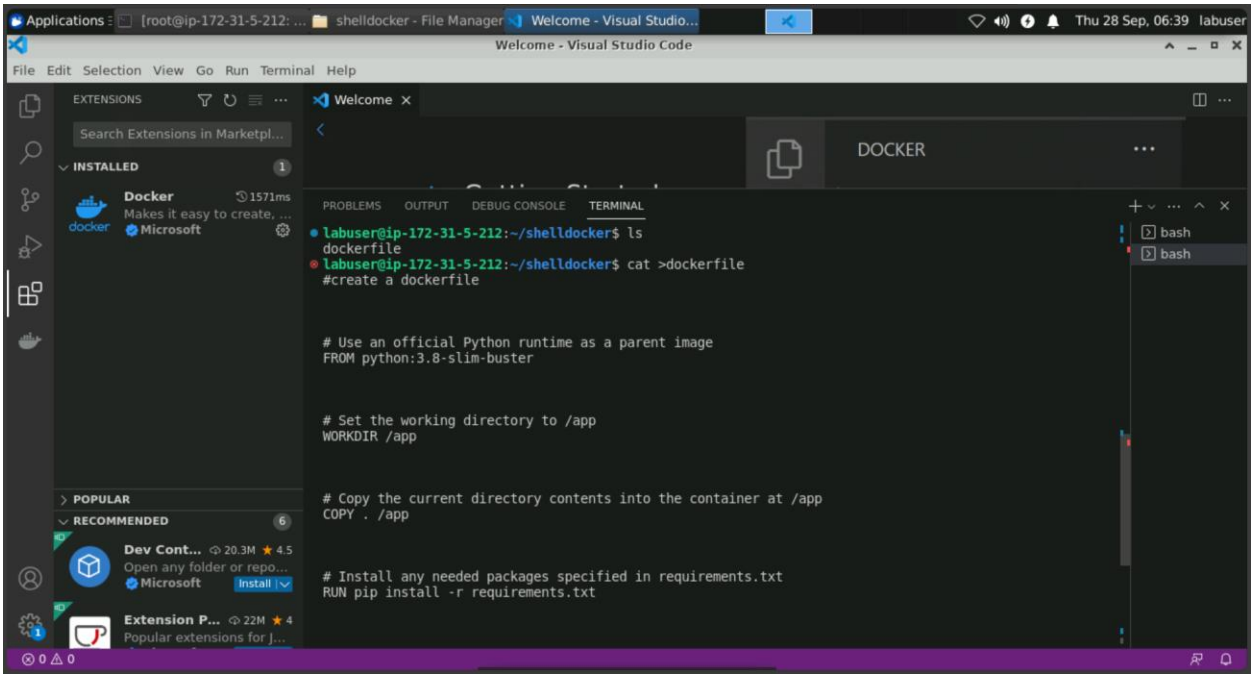
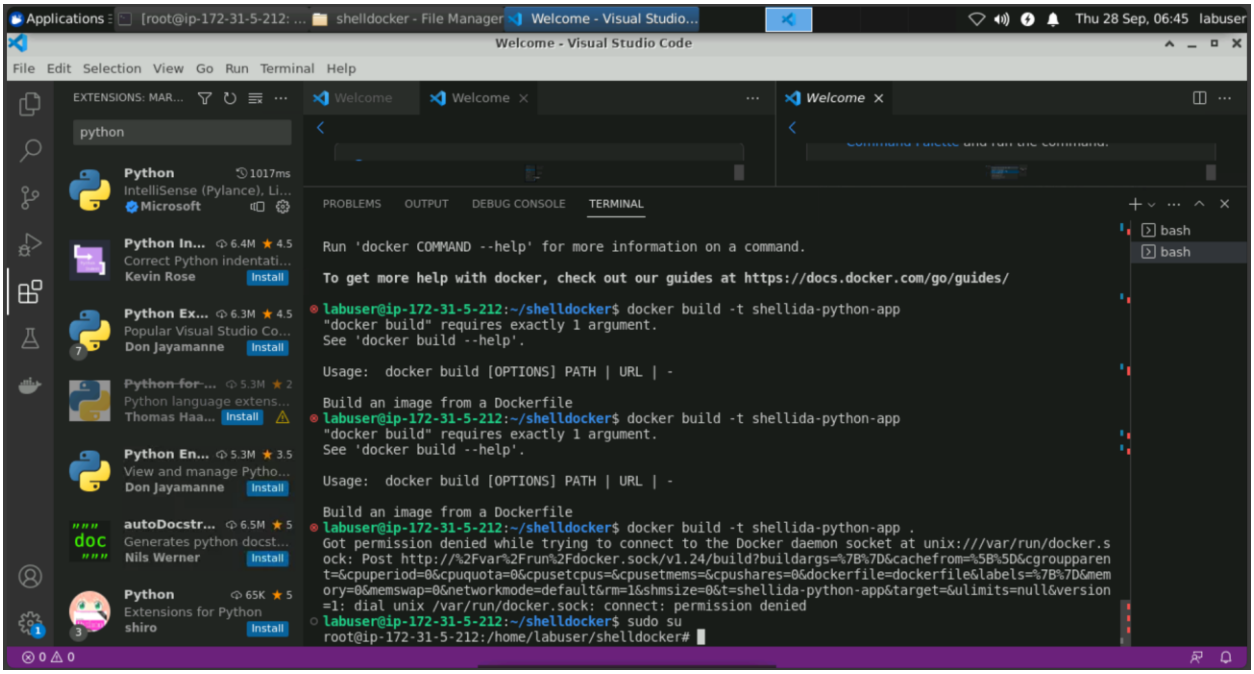
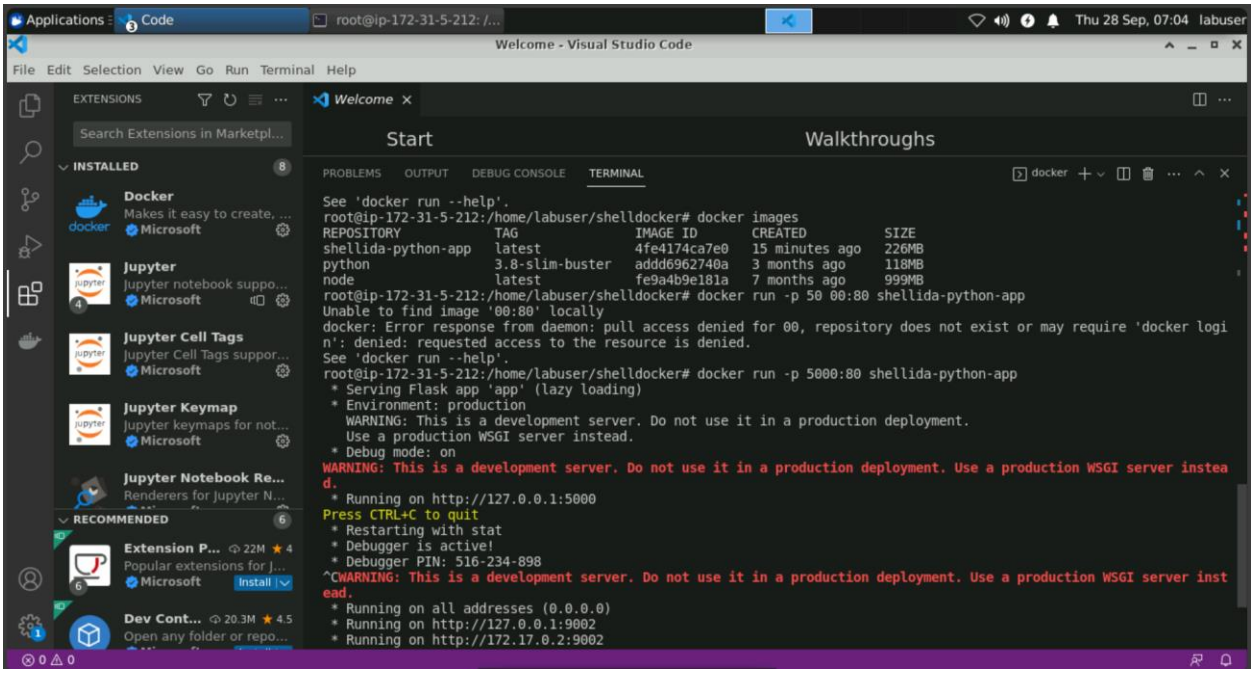
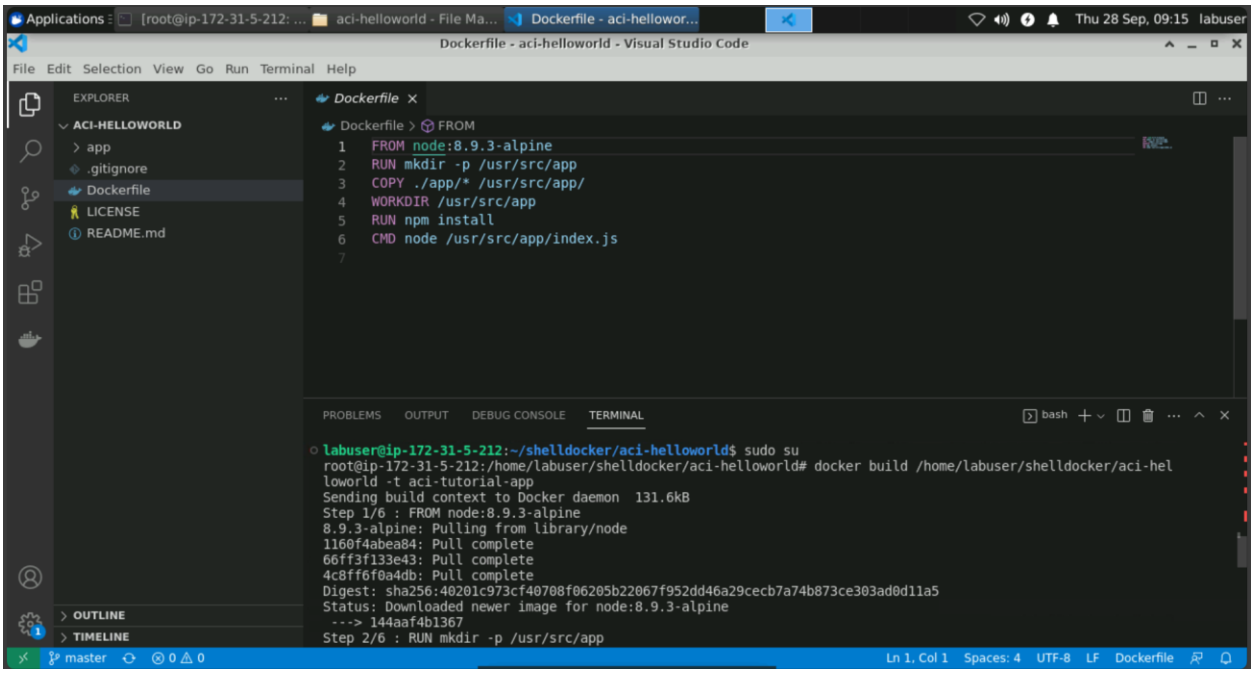
DOCKER, AZURE CONTAINERS AND KUBERNETES

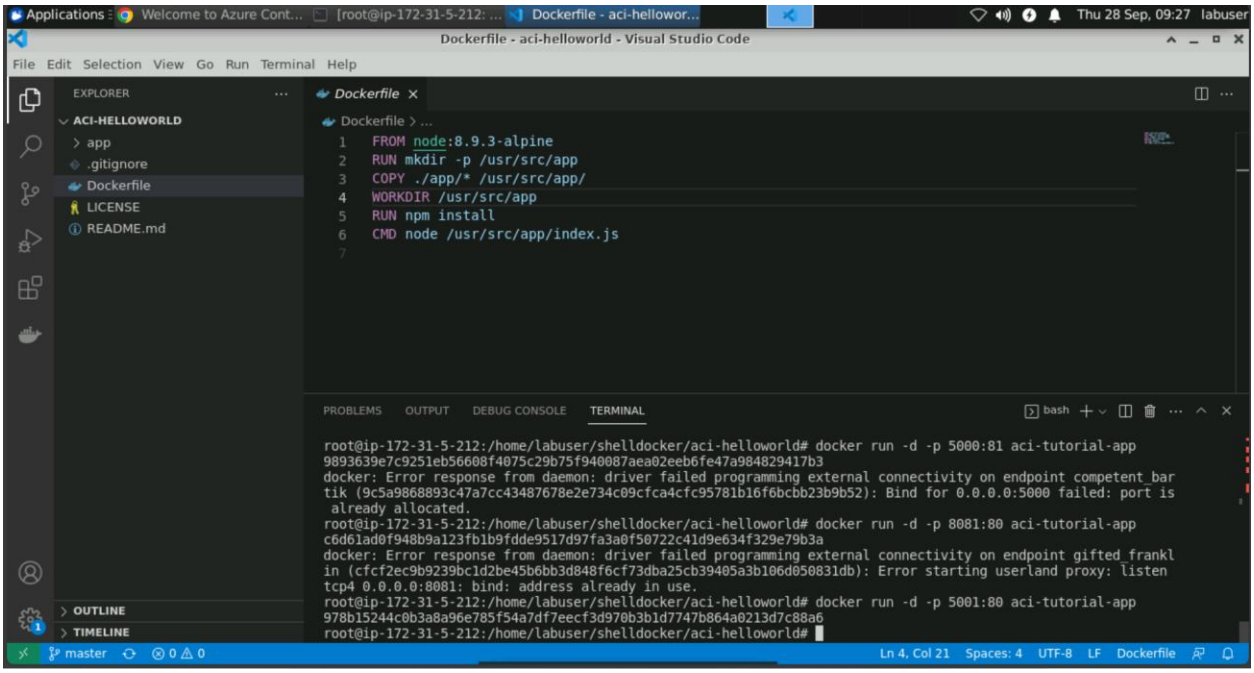


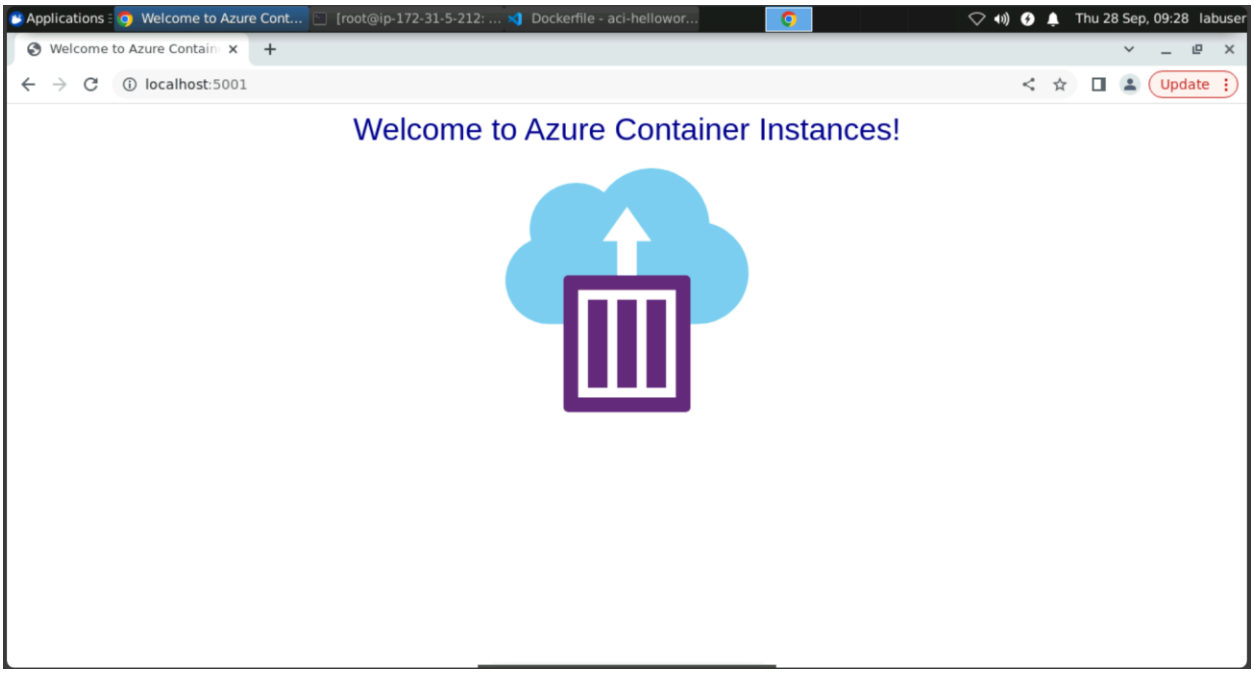




[Tutorial - Prepare container image for deployment - Azure Container Instances | Microsoft Learn]

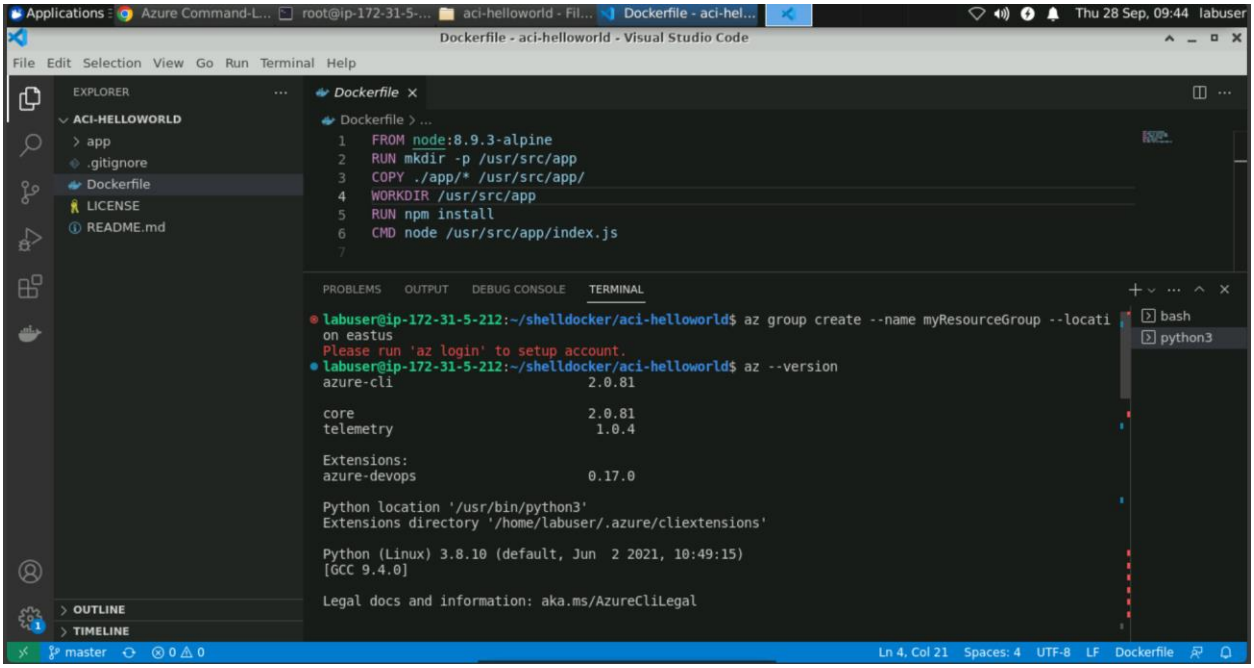


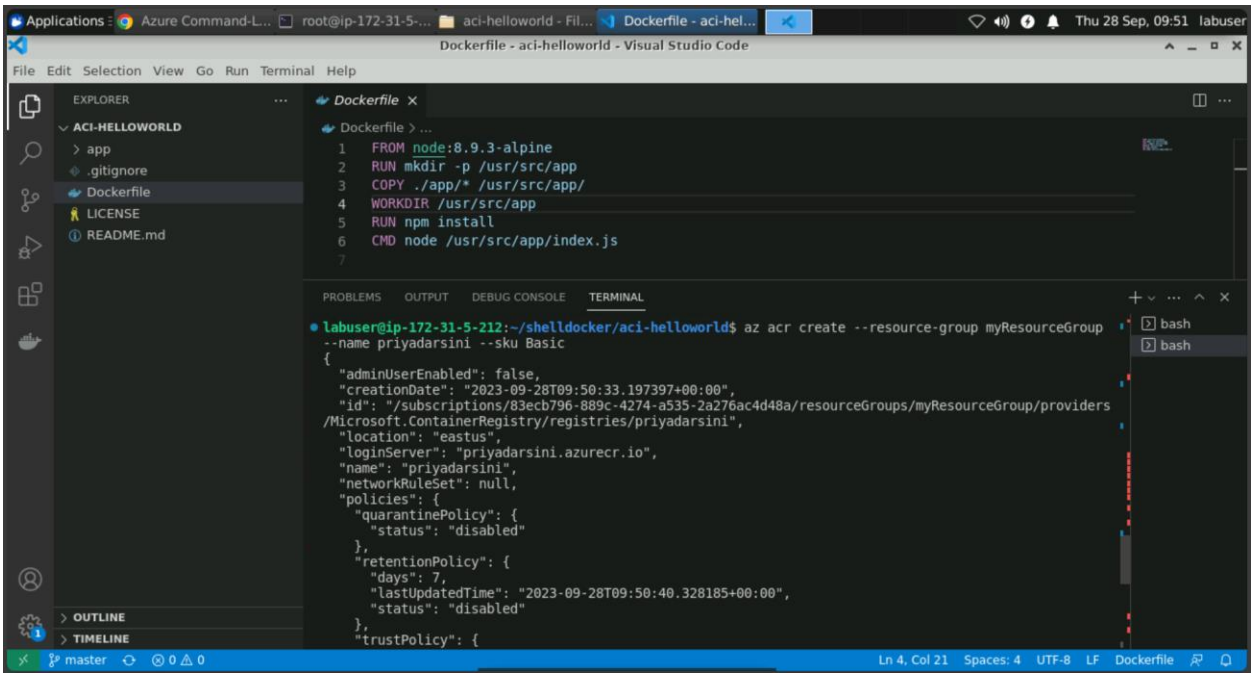

Applications
Welcome to Azure Cont...
[root@ip-172-31-5-212: ...
Dockerfile - aci-hellowor...
Thu 28 Sep, 09:27 labuser
Dockerfile - aci-helloworld - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
ACI-HELLOWORLD
app
.gitignore
Dockerfile
LICENSE
README.md
Dockerfile
Dockerfile > ...
1 FROM node:8.9.3-alpine
2 RUN mkdir -p /usr/src/app
3 COPY ./app/* /usr/src/app/
4 WORKDIR /usr/src/app
5 RUN npm install
6 CMD node /usr/src/app/index.js
7
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL
bash
root@ip-172-31-5-212:/home/labuser/shelldocker/aci-helloworld# docker run -d -p 5000:81 aci-tutorial-app
9893639e7c9251eb56608f4075c29b75f940087aea02eeb6fe47a984829417b3
docker: Error response from daemon: driver failed programming external connectivity on endpoint competent_bar
tik (9c5a9868893c47a7cc43487678e2e734c09cfca4cfc95781b16f6bcbb23b9b52): Bind for 0.0.0.0:5000 failed: port is
already allocated.
root@ip-172-31-5-212:/home/labuser/shelldocker/aci-helloworld# docker run -d -p 8081:80 aci-tutorial-app
c6d61ad0f948b9a123fb1b9fdde9517d97fa3a0f50722c41d9e634f329e79b3a
docker: Error response from daemon: driver failed programming external connectivity on endpoint gifted_frankl
in (cfcf2ec9b9239bc1d2be45b6bb3d848f6cf73dba25cb39405a3b106d050831db): Error starting userland proxy: listen
tcp4 0.0.0.0:8081: bind: address already in use.
root@ip-172-31-5-212:/home/labuser/shelldocker/aci-helloworld# docker run -d -p 5001:80 aci-tutorial-app
978b15244c0b3a8a96e785f54a7df7eecf3d970b3b1d7747b864a0213d7c88a6
root@ip-172-31-5-212:/home/labuser/shelldocker/aci-helloworld#
OUTLINE
TIMELINE
master
0 0
Ln 4, Col 21 Spaces: 4 UTF-8 LF Dockerfile


Applications
Welcome to Azure Cont...
[root@ip-172-31-5-212: ...
Dockerfile - aci-hellowor...
Thu 28 Sep, 09:28 labuser
Welcome to Azure Contain
localhost:5001
Update
Welcome to Azure Container Instances!

Create an Azure container registry and push a container image:

[Tutorial - Prepare container registry to deploy image - Azure Container Instances | Microsoft Learn]





https://learn.microsoft.com/en-us/azure/aks/tutorial-kubernetes-prepare-app