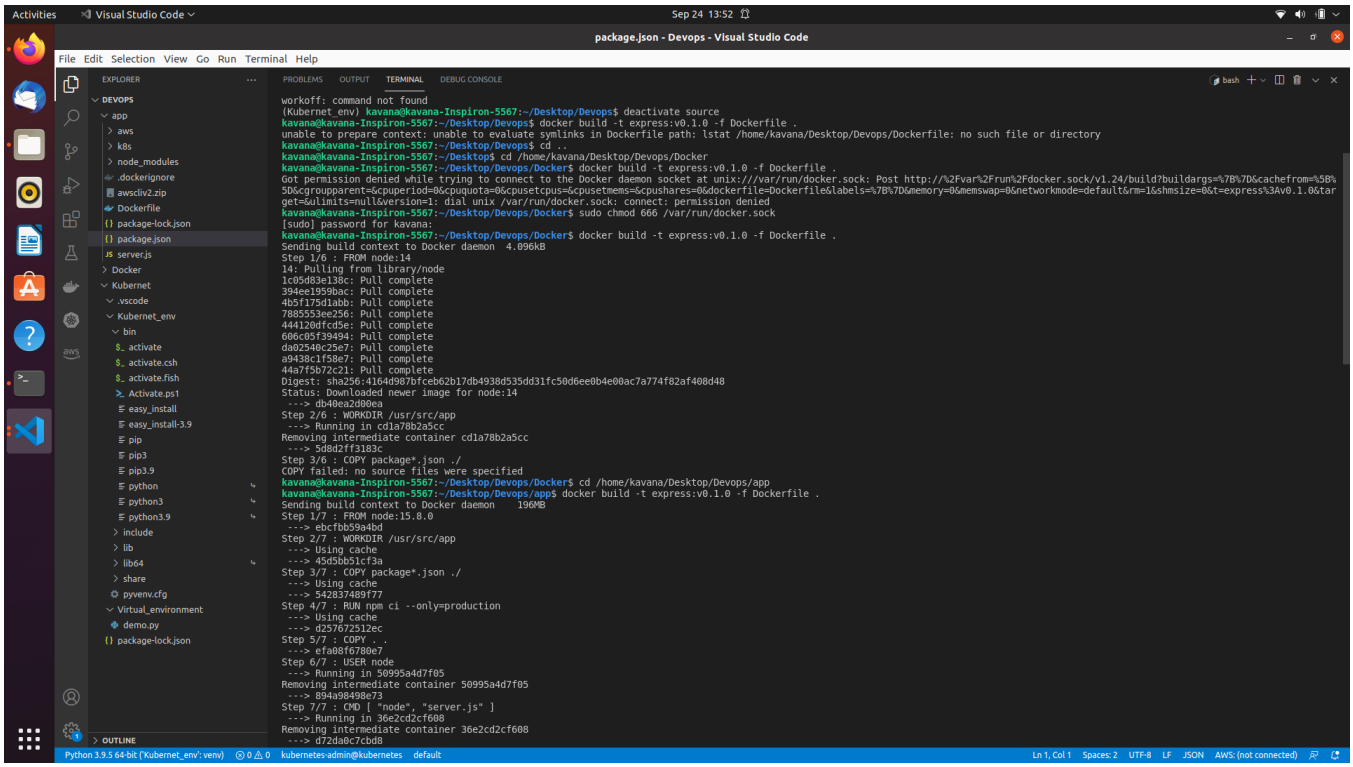
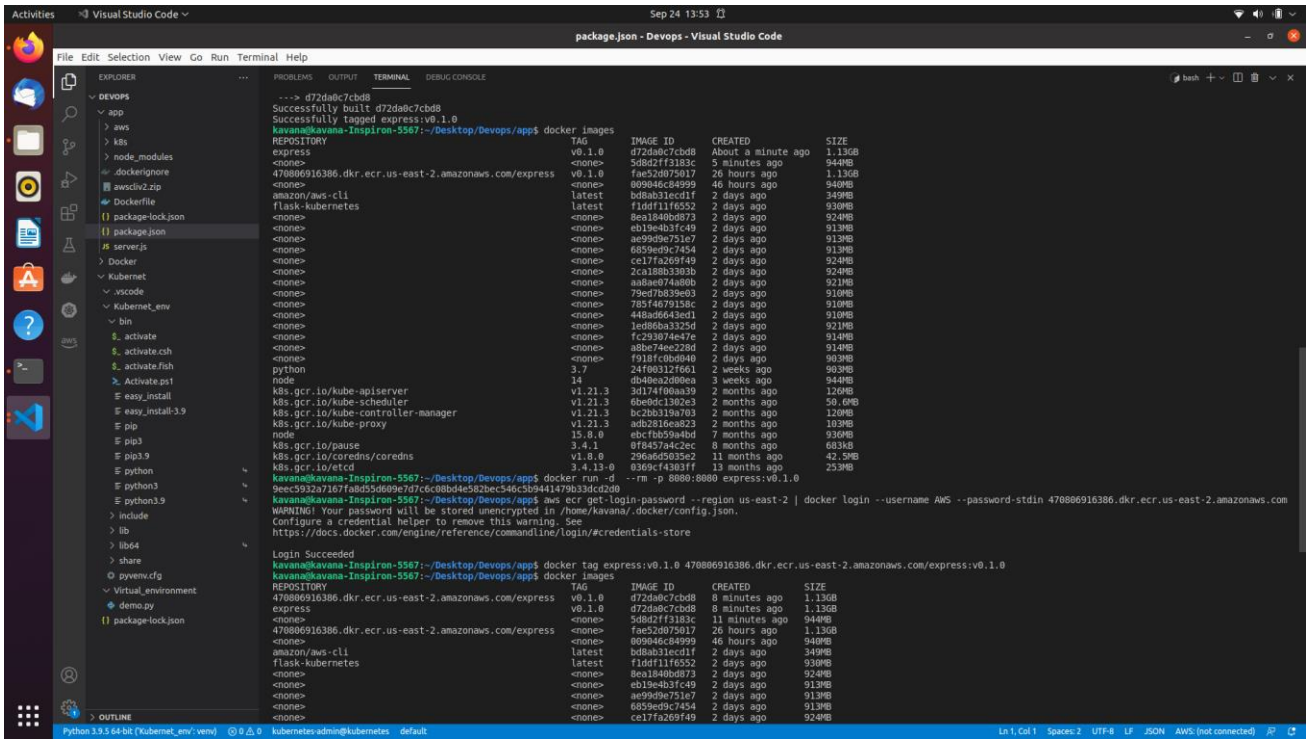
ASSIGNMENT 1 (2)

Team 4




Activities
Visual Studio Code
Sep 24 13:53
package.json - Devops - Visual Studio Code
File Edit Selection View Go Run Terminal Help
EXPLORER
PROBLEMS OUTPUT TERMINAL DEBUG CONSOLE
DEVOPS
app
aws
k8s
node_modules
.dockerignore
awscliv2.zip
Dockerfile
package-lock.json
package.json
server.js
Docker
Kubernet
.vscode
Kubernet_env
bin
activate
activate.csh
activate.fish
Activate.ps1
easy_install
easy_install-3.9
pip
pip3
pip3.9
python
python3
python3.9
include
lib
lib64
share
pyvenv.cfg
Virtual_environment
demo.py
package-lock.json
OUTLINE
---> d72da0c7cbd8
Successfully built d72da0c7cbd8
Successfully tagged express:v0.1.0
kavana@kavana-Inspiron-5567:~/Desktop/Devops/app$ docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
express v0.1.0 d72da0c7cbd8 About a minute ago 1.13GB
<none> <none> 5d8d2ff3183c 5 minutes ago 944MB
470806916386.dkr.ecr.us-east-2.amazonaws.com/express v0.1.0 fae52d075017 26 hours ago 1.13GB
<none> <none> 009046c84999 46 hours ago 940MB
amazon/aws-cli latest bd8ab31ecd1f 2 days ago 349MB
flask-kubernetes latest f1ddf11f6552 2 days ago 930MB
<none> <none> 8ea1840bd873 2 days ago 924MB
<none> <none> eb19e4b3fc49 2 days ago 913MB
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<none> <none> 6859ed9c7454 2 days ago 913MB
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<none> <none> a8be74ee228d 2 days ago 914MB
<none> <none> f918fc0bd040 2 days ago 903MB
python 3.7 24f00312f661 2 weeks ago 903MB
node 14 db40ea2d00ea 3 weeks ago 944MB
k8s.gcr.io/kube-apiserver v1.21.3 3d174f00aa39 2 months ago 126MB
k8s.gcr.io/kube-scheduler v1.21.3 6be0dc1302e3 2 months ago 50.6MB
k8s.gcr.io/kube-controller-manager v1.21.3 bc2bb319a703 2 months ago 120MB
k8s.gcr.io/kube-proxy v1.21.3 adb2816ea823 2 months ago 103MB
node 15.8.0 ebcfbb59a4bd 7 months ago 936MB
k8s.gcr.io/pause 3.4.1 0f8457a4c2ec 8 months ago 683kB
k8s.gcr.io/coredns/coredns v1.8.0 296a6d5035e2 11 months ago 42.5MB
k8s.gcr.io/etcd 3.4.13-0 0369cf4303ff 13 months ago 253MB
kavana@kavana-Inspiron-5567:~/Desktop/Devops/app$ docker run -d --rm -p 8080:8080 express:v0.1.0
9eec5932a7167fa8d55d609e7d7c6c08bd4e582bec546c5b9441479b33dcd2d0
kavana@kavana-Inspiron-5567:~/Desktop/Devops/app$ aws ecr get-login-password --region us-east-2 | docker login --username AWS --password-stdin 470806916386.dkr.ecr.us-east-2.amazonaws.com
WARNING! Your password will be stored unencrypted in /home/kavana/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store
Login Succeeded
kavana@kavana-Inspiron-5567:~/Desktop/Devops/app$ docker tag express:v0.1.0 470806916386.dkr.ecr.us-east-2.amazonaws.com/express:v0.1.0
kavana@kavana-Inspiron-5567:~/Desktop/Devops/app$ docker images
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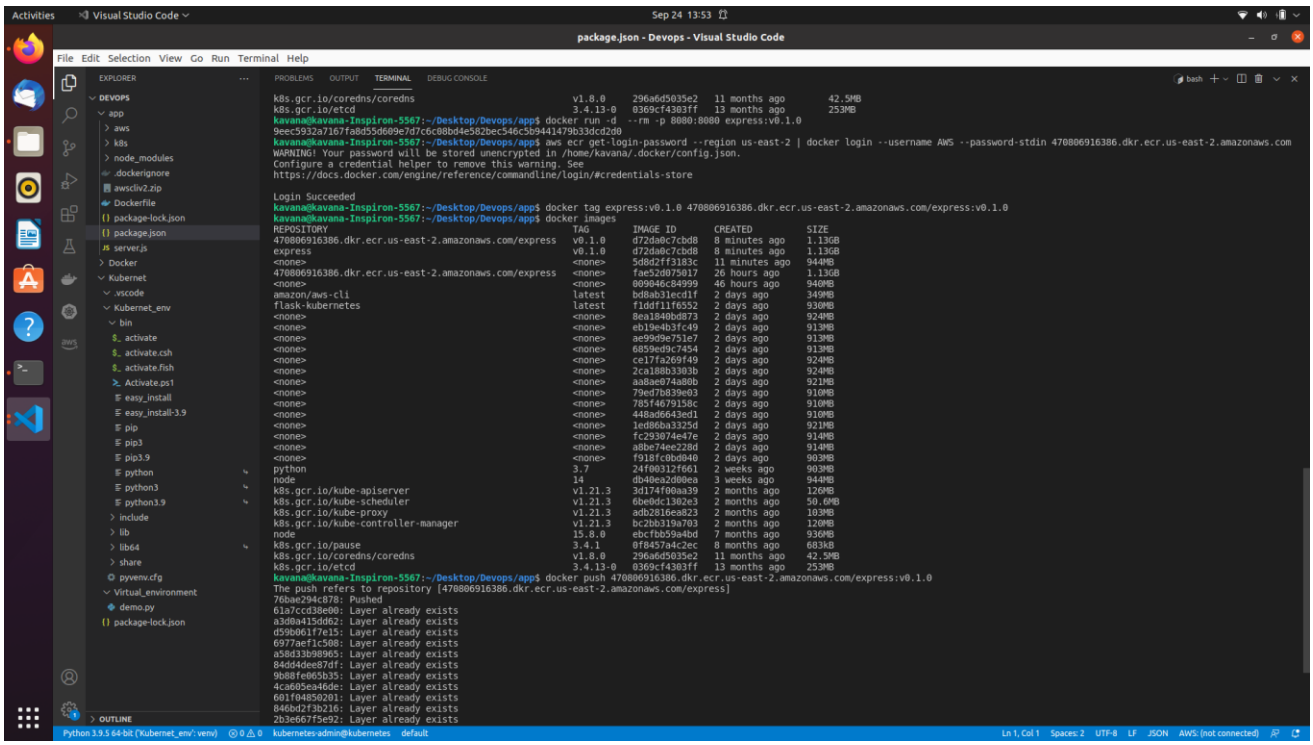
Python 3.9.5 64-bit ('Kubernet_env': venv)
kubernetes-admin@kubernetes default
Ln 1, Col 1 Spaces: 2 UTF-8 LF JSON AWS: (not connected)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9eec5932a7167fa8d55d609e7d7c6c08bd4e582bec546c5b9441479b33dcd2d0
kavana@kavana-Inspiron-5567:~/Desktop/Devops/app$ aws ecr get-login-password --region us-east-2 | docker login --username AWS --password-stdin 470806916386.dkr.ecr.us-east-2.amazonaws.com
WARNING! Your password will be stored unencrypted in /home/kavana/.docker/config.json.
Configure a credential helper to remove this warning. See
https://docs.docker.com/engine/reference/commandline/login/#credentials-store
Login Succeeded
kavana@kavana-Inspiron-5567:~/Desktop/Devops/app$ docker tag express:v0.1.0 470806916386.dkr.ecr.us-east-2.amazonaws.com/express:v0.1.0
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kavana@kavana-Inspiron-5567:~/Desktop/Devops/app$ docker push 470806916386.dkr.ecr.us-east-2.amazonaws.com/express:v0.1.0
The push refers to repository [470806916386.dkr.ecr.us-east-2.amazonaws.com/express]
76bae294c678: Pushed
61a7ccd38e00: Layer already exists
a3d0a415dd62: Layer already exists
d59b061f7e15: Layer already exists
6977aef1c508: Layer already exists
a58d33b98965: Layer already exists
84dd4dee87df: Layer already exists
9b88fe065b35: Layer already exists
4ca605ea46de: Layer already exists
601f04850201: Layer already exists
846bd2f3b216: Layer already exists
2b3e667f5e92: Layer already exists
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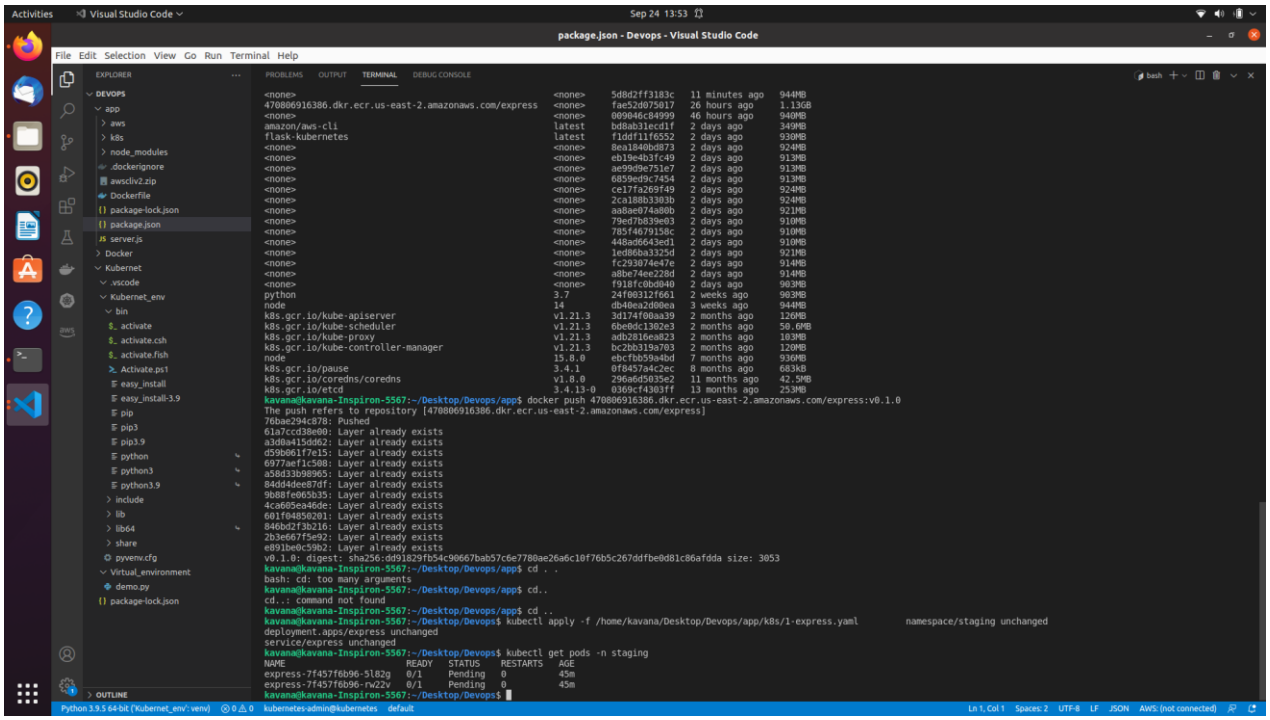
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601f04850201: Layer already exists
846bd2f3b216: Layer already exists
2b3e667f5e92: Layer already exists
e091be0c59b2: Layer already exists
v0.1.0: digest: sha256:dd91829fb54c90667bab57c6e7780ae26a6c10f76b5c267ddfbe0d81c86afdda size: 3053
kavana@kavana-Inspiron-5567:~/Desktop/Devops/app$ cd . .
bash: cd: too many arguments
kavana@kavana-Inspiron-5567:~/Desktop/Devops/app$ cd..
cd...: command not found
kavana@kavana-Inspiron-5567:~/Desktop/Devops/app$ cd ..
kavana@kavana-Inspiron-5567:~/Desktop/Devops$ kubectl apply -f /home/kavana/Desktop/Devops/app/k8s/1-express.yaml namespace/staging unchanged
deployment.apps/express unchanged
service/express unchanged
kavana@kavana-Inspiron-5567:~/Desktop/Devops$ kubectl get pods -n staging
NAME READY STATUS RESTARTS AGE
express-7f457f6b96-5l82g 0/1 Pending 0 45m
express-7f457f6b96-rw22v 0/1 Pending 0 45m
kavana@kavana-Inspiron-5567:~/Desktop/Devops$
Python 3.9.5 64-bit ('Kubernet_env': venv)
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