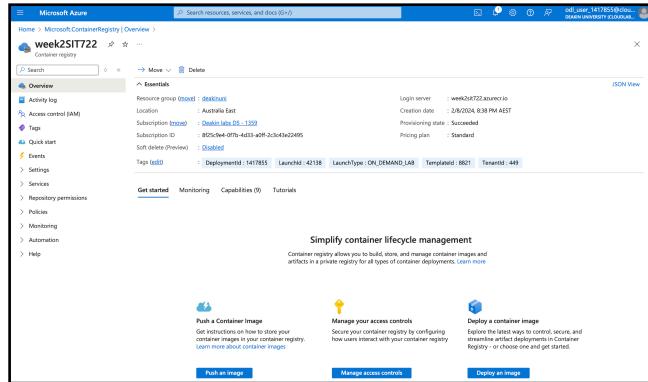
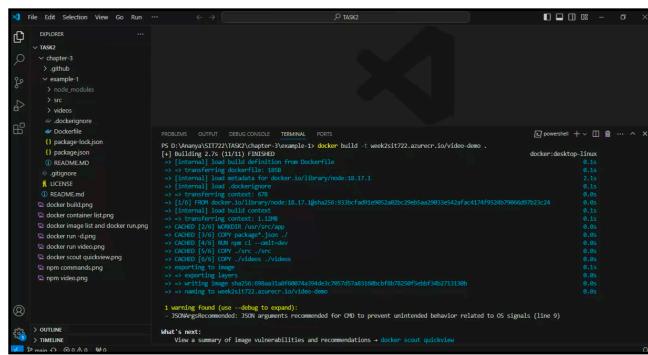


SIT722: Task 2.3C: Cloud Storage

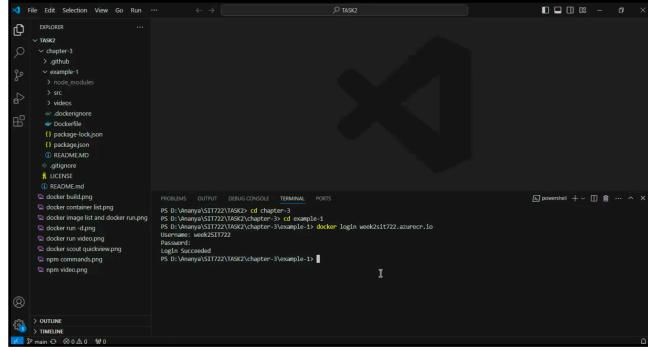
1. Azure resource group deployed successfully and connecting server by logging in on VS code editor.



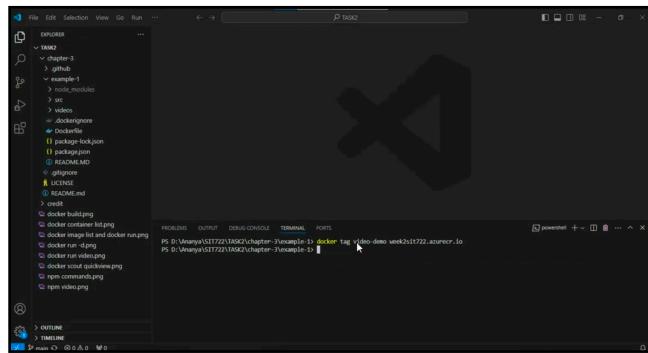
2. Example-1 used throughout, build the image for azure container.



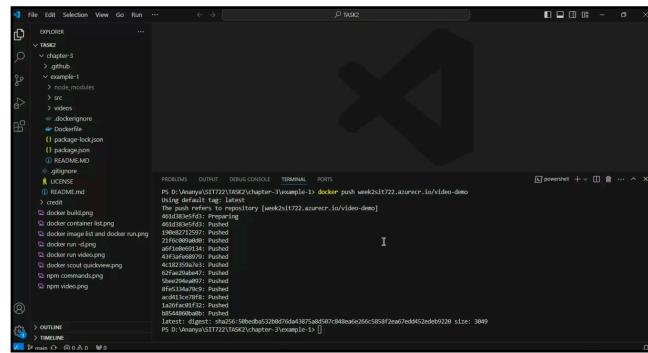
3. Docker connected with cloud server- docker login <username_Azure_platform>



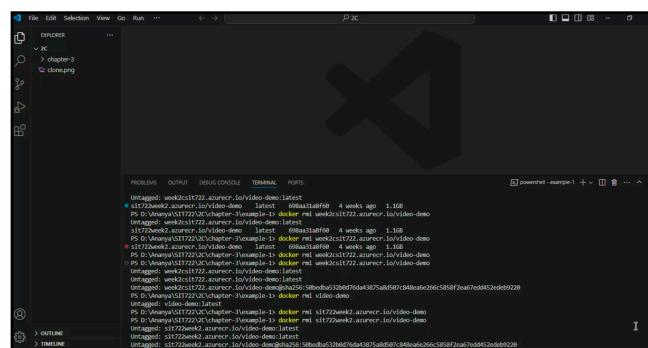
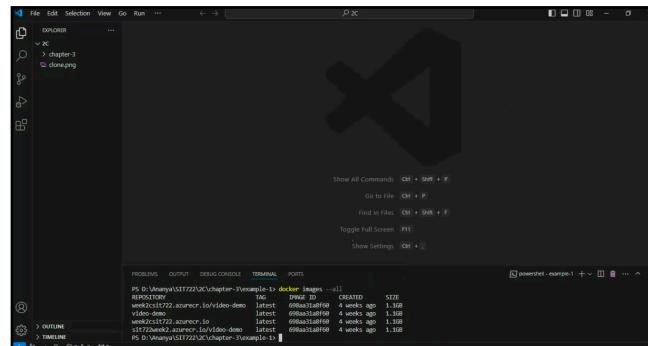
4. For tagging the image- docker tag <image> <azzure_server>



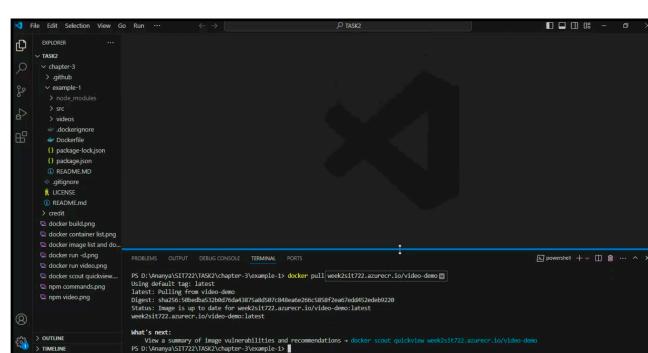
5. The image is pushed in the cloud container- docker push <image>



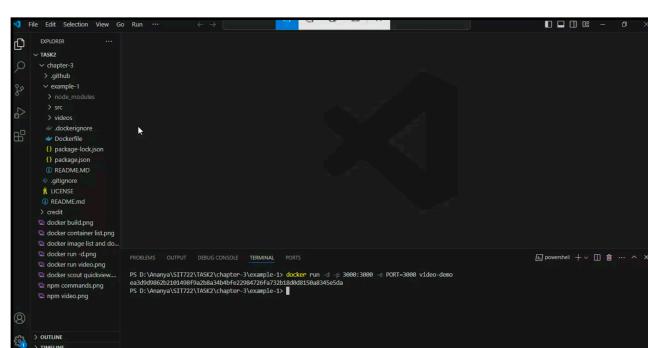
6. List of images in docker via ‘docker images -a’ and local copy of image removed - docker rmi <image>



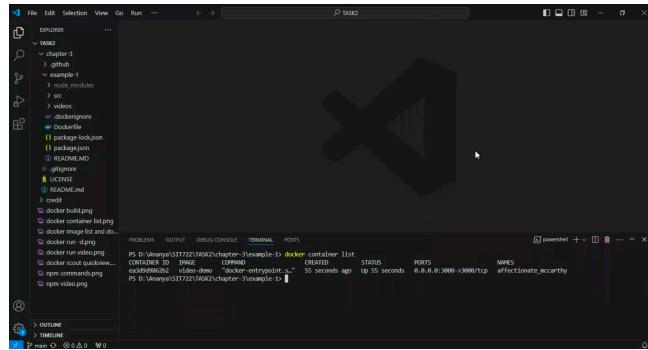
7. Getting the image copy to local machine from cloud- docker pull <image>



8. Running the docker engine to stream the video- docker run -d -p 3000:3000 -e PORT=3000 <image>



9. To view the running docker containers- docker container list

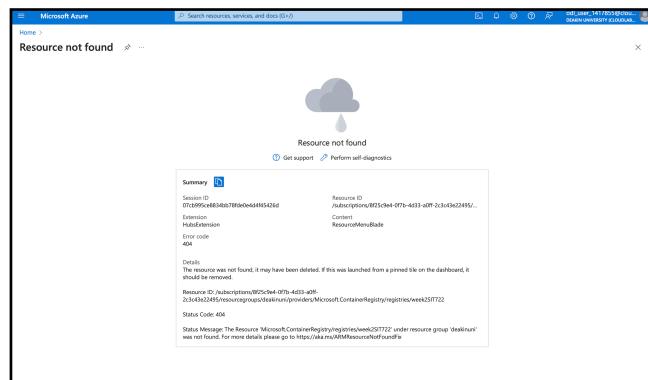


```
PS D:\MyWork\UET7722\TAMO\chapter-3\sample> docker container list
CONTAINER ID        IMAGE               COMMAND             CREATED             STATUS              PORTS               NAMES
eab5d986a3        "docker-video-d..."   55 seconds ago    Up 55 seconds          0.0.0.0:3000->3000/tcp   affectionate_acarthy
```

10. The output of streaming video.



11. Deletion of resources from the Azure cloud.



12. Short Answers:

- Access Keys which is found on the left navigation pane for resource group provides us with admin username and two sets of password keys along with backup key (for each) and regenerating key option. Its role is to connect cloud server with docker with successful authentication. In this way docker can gain full-fledged access to cloud services like storage, database, kubernetes, container registry, etc.
- The ‘version’ argument in the docker push command specifies a tag for the docker image that we want to push to a docker registry. Tags generally, identify various versions or variants of an image making it easier to manage and retrieve any specific image. For instance, command ‘docker push azure_cloud/ppt-demo:latest’ indicates that the tag ‘latest’ is the version of the image that we want to push. Tag ‘latest’ can have any versions like: 1.0,18.3, 3.9, etc.