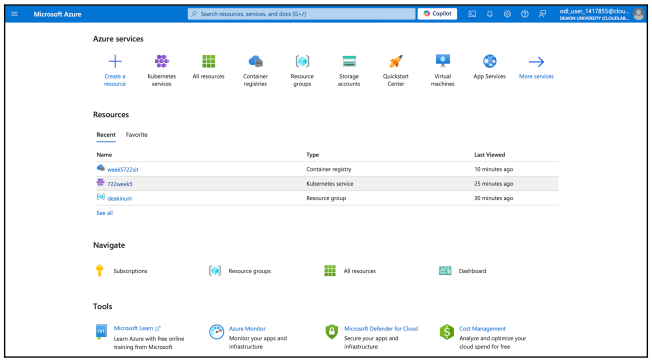
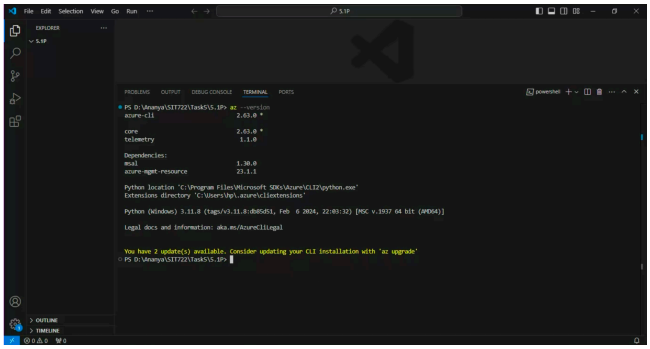
SIT722:TASK 5.2C: DEPLOYING A MICRO-SERVICE TO A AZURE MANAGED KUBERNETES CLUSTER

Step 1: The outcome of resource group implies that Kubernetes Service and Container Registry have been created.

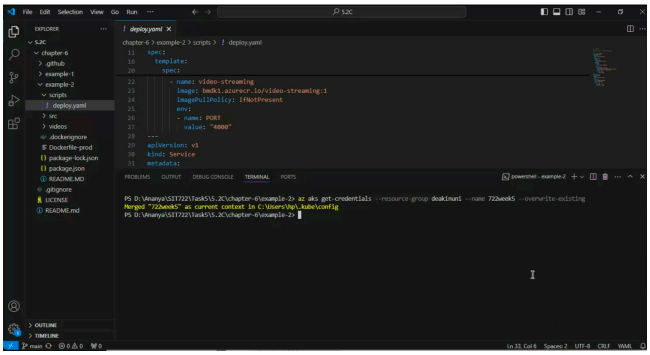


Step 2: The following set of commands are executed-

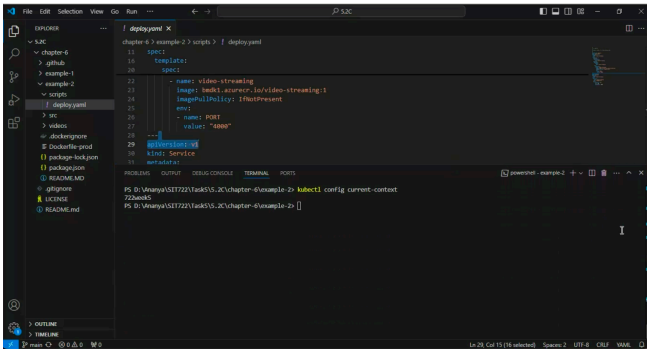
1. az --version <Taken from task 5.1P, executed but missed this screenshot>.



2. az aks get-credentials --resource-group <Resource_Name> --name <Kubernetes_cluster_name>

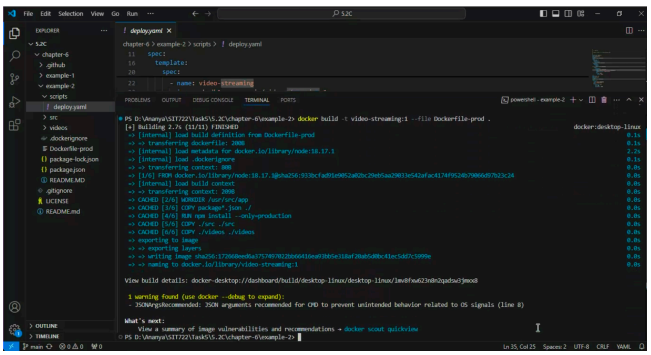


3. kubectl config current-context

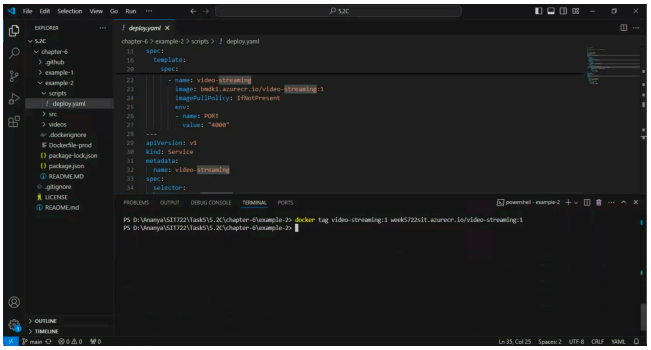


Step 3: Get output for commands below-

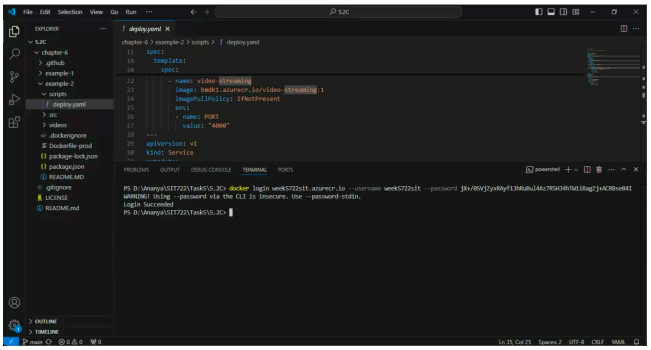
1. docker build



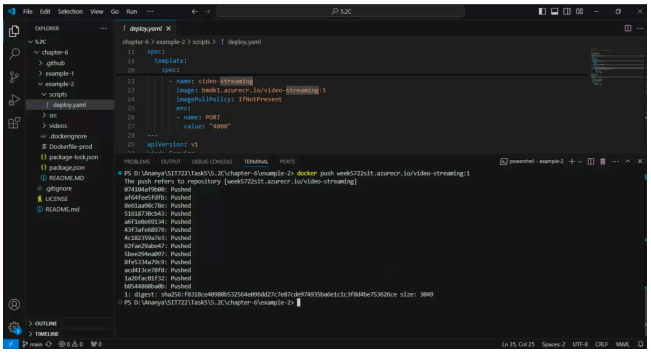
2. docker tag



3. docker login

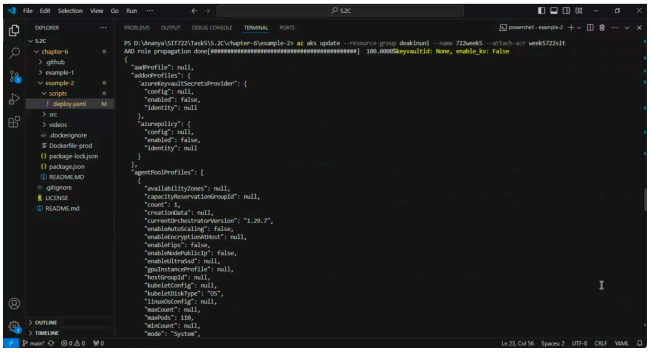


4. docker push

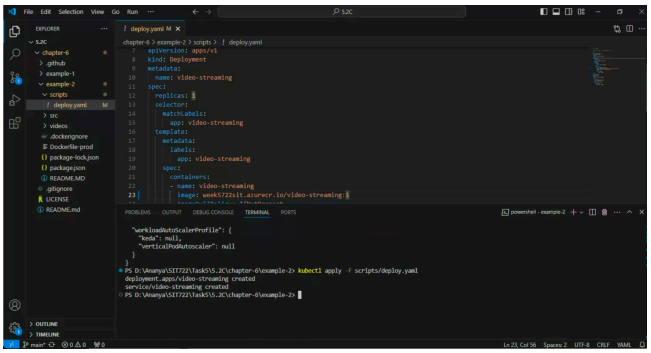


Step 4: Deals with Kubernetes cluster via the commands specified-

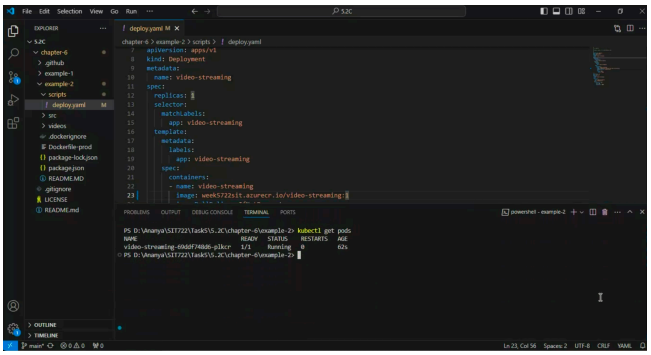
1. az aks update



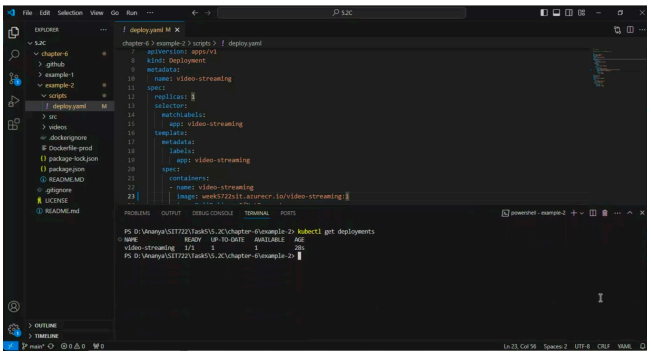
2. kubectl apply



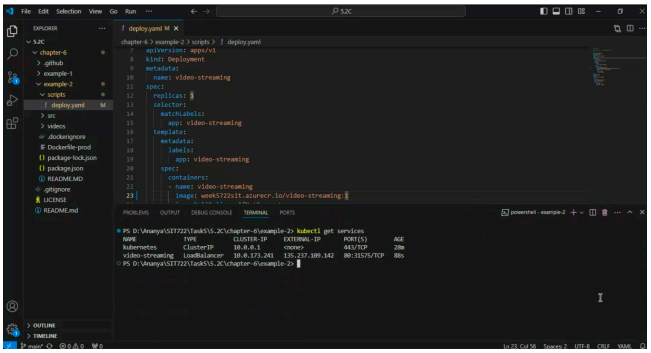
3. kubectl get pods



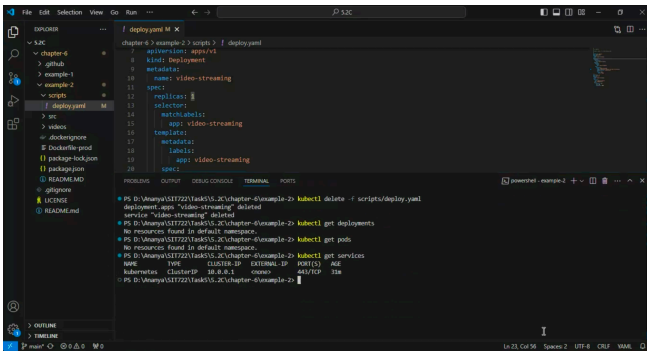
4. kubectl get deployments



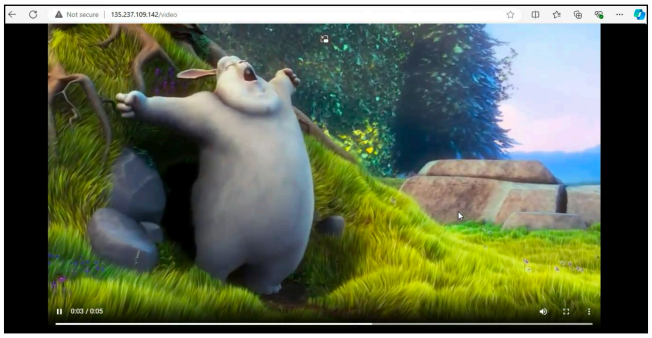
5. kubectl get services



6. kubectl delete



Step 5: View the streaming video on browser.



Step 6: Resource group is seen to verify that both Kubernetes Cluster and Container Registry resources are deleted.