**Ansible:**  
 26 chmod 777 start\_mysql\_playbook.yaml

27 ls

28 cat start\_mysql\_playbook.yaml

29 sudo dnf install ansible

30 mkdir ~/ansible && cd ~/ansible~

31 mkdir ~/ansible && cd ~/ansible

32 touch start\_mysql\_playbook.yaml

33 vi start\_mysql\_playbook.yaml

34 cat start\_mysql\_playbook.yaml

35 ansible-playbook start\_mysql\_docker.yaml

36 ansible-playbook start\_mysql\_playbook.yaml

37 vi start\_mysql\_playbook.yaml

38 sudo rm start\_mysql\_playbook.yaml

39 ls

40 touch start\_mysql\_playbook.yaml

41 ls

42 vi start\_mysql\_playbook.yaml

43 cat start\_mysql\_playbook.yaml

44 ansible-playbook start\_mysql\_playbook.yaml

45 sudo dnf install mariadb105

46 mysql -h127.0.0.1 -uroot -p

47 cat stop\_mysql\_playback.yml

48 touch stop\_mysql\_playback.yml

49 vi stop\_mysql\_playbook.yaml

50 cat stop\_mysql\_playbook.yaml

51 vi stop\_mysql\_playback.yml

52 cat stop\_mysql\_playback.yml

53 ansible-playbook stop\_mysql\_playback.yaml  
  
**Jenkins, Docker, Kubernetes:**

2 sudo yum update

3 sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat-stable/jenkins.repo

4 sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io-2023.key

5 sudo yum upgradee

6 sudo yum upgrade

7 sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io-2023.key

8 sudo dnf install fontconfig java-17-openjdk

9 java --version

10 sudo dnf install java-17-amazon-corretto -

11 sudo dnf install java-17-amazon-corretto

12 java --version

13 sudo yum install jenkins

14 sudo systemctl enable jenkins

15 sudo systemctl start jenkins

16 sudo systemctl status jenkins

17 sudo cat/var/lib/jenkins/secrets/initialAdminPassword

18 cat /var/lib/jenkins/secrets/initialAdminPassword

19 sudo cat /var/lib/jenkins/secrets/initialAdminPassword

20 ls  
  
 3 sudo apt update

4 sudo apt upgrade

5 history

6 ls

7 history

8 sudo apt update

9 sudo apt upgrade

10 for pkg in docker.io docker-doc docker-compose docker-compose-v2 podman-docker containerd runc; do sudo apt-get remove $pkg; done

11 sudo apt-get install ca-certificates curl

12 sudo install -m 0755 -d /etc/apt/keyrings

13 sudo curl -fsSL https://download.docker.com/linux/ubuntu/gpg -o /etc/apt/keyrings/docker.asc

14 sudo chmod a+r /etc/apt/keyrings/docker.asc

15 ~

16 sudo chmod a+r /etc/apt/keyrings/docker.asc

17 echo "deb [arch=$(dpkg --print-architecture) signed-by=/etc/apt/keyrings/docker.asc] https://download.docker.com/linux/ubuntu \

18 $(. /etc/os-release && echo "${UBUNTU\_CODENAME:-$VERSION\_CODENAME}") stable" | sudo tee /etc/apt/sources.list.d/docker.list > /dev/null

19 sudo apt-get update

20 sudo apt update

21 sudo apt-get install docker-ce docker-ce-cli containerd.io docker-buildx-plugin docker-compose-plugin

22 systemctl status docker

23 docker --version

24 history  
  
 51 kubectl get ns

52 kubectl get deployments -n c405-team01-prod

53 kubectl get services -n c405-team01-prod

54 kubectl get -all -n c405-team01-prod

55 kubectl get --all -n c405-team01-prod

56 kubectl get all -n c405-team01-prod

57 kubectl get replicaset -n c405-team01-prod

58 kubectl get -n c405-team01-prod

59 kubectl get pod -n c405-team01-prod

60 kubectl get pod -o wide -n c405-team01-prod

61 kubectl get deployments -o wide -n c405-team01-prod

62 kubectl get services -o wide -n c405-team01-prod

63 history

64 kubectl get --all ns

65 kubectl get pod -n c405-team03-prod

66 kubectl logs \<pod\_name\> -n \<namespace\> --since=1h

67 kubectl logs orderbookapi-6fd4954dbc-wj924 -n c405-team03-prod --since=1h