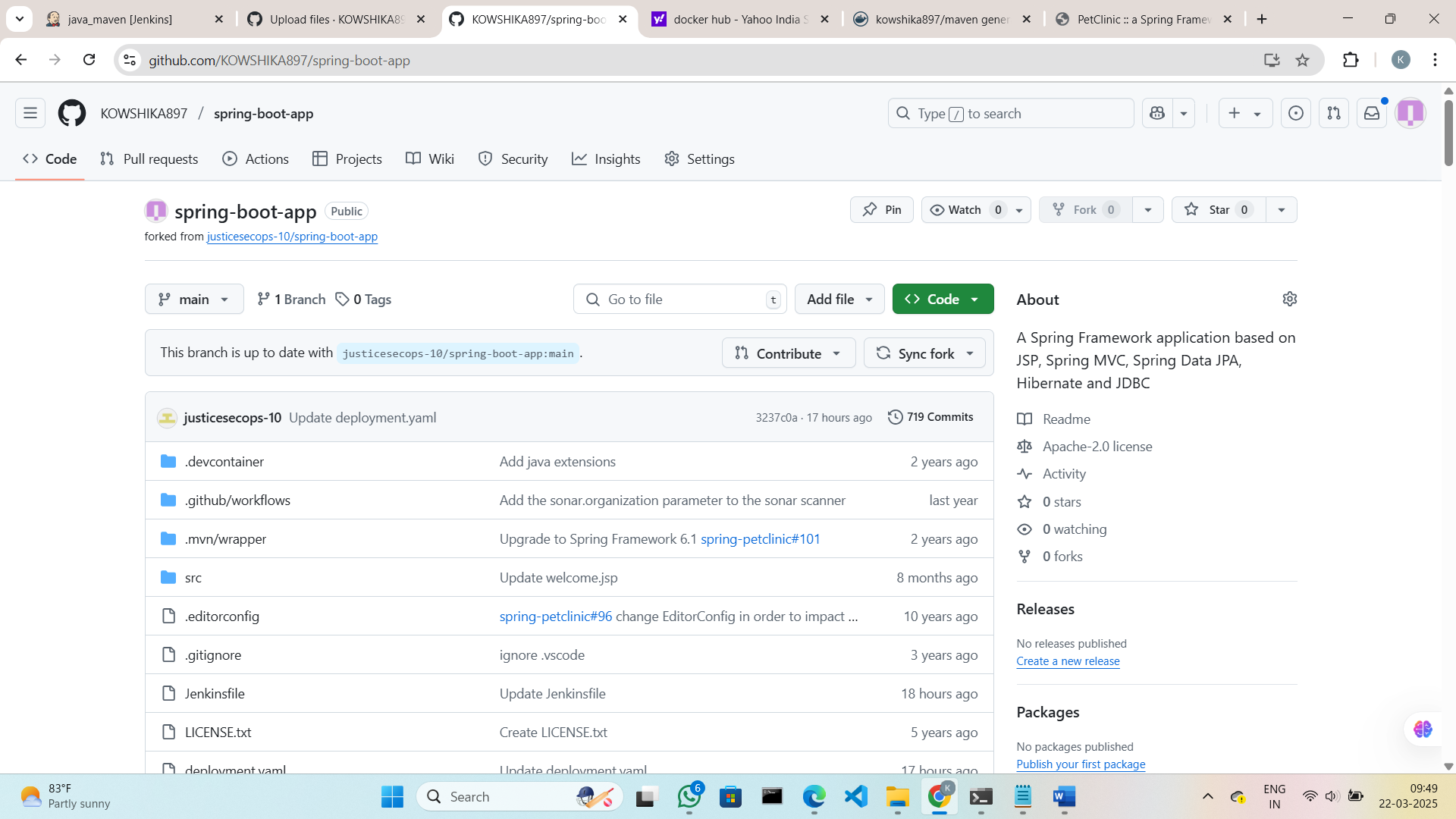
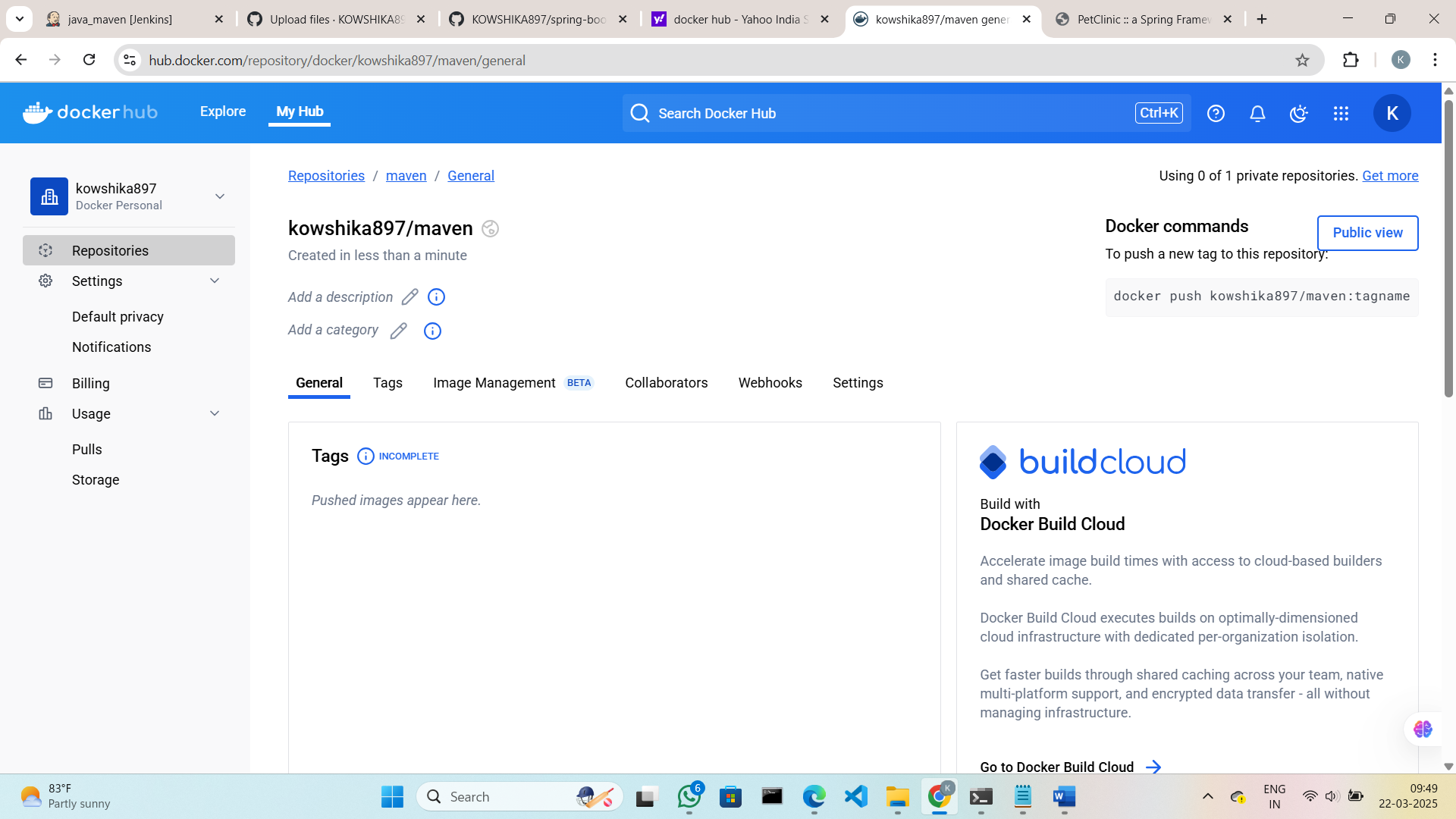
DAY – 5

Maven :

Github :



Docker repository :



Configuration :

pipeline {

agent any

environment {

DOCKER\_IMAGE = "kowshika897/maven"

DOCKER\_TAG = "latest"

DOCKER\_CREDENTIALS\_ID = "docker"

GITHUB\_CREDENTIALS\_ID = "github\_seccred"

KUBECONFIG = "/var/lib/jenkins/.kube/config"

MAVEN\_HOME = "/opt/maven/" // Set the correct Maven path

}

stages {

stage('Checkout Code') {

steps {

git credentialsId: GITHUB\_CREDENTIALS\_ID, url: 'https://github.com/KOWSHIKA897/spring-boot-app.git', branch: 'main'

}

}

stage('Build Application') {

steps {

script {

sh "${MAVEN\_HOME}/bin/mvn clean package -DskipTests"

}

}

}

stage('Run Maven Tests') {

steps {

script {

catchError(buildResult: 'SUCCESS', stageResult: 'FAILURE') {

sh "${MAVEN\_HOME}/bin/mvn test"

}

}

}

}

stage('Build Docker Image') {

steps {

script {

sh "docker build -t ${DOCKER\_IMAGE}:${DOCKER\_TAG} ."

}

}

}

stage('Push Docker Image') {

steps {

withDockerRegistry([credentialsId: DOCKER\_CREDENTIALS\_ID, url: '']) {

sh "docker push ${DOCKER\_IMAGE}:${DOCKER\_TAG}"

}

}

}

// Uncomment this stage when Kubernetes deployment is ready

// stage('Deploy to Kubernetes') {

// steps {

// script {

// sh '''

// chmod +x scripts/deploy.sh

// ./scripts/deploy.sh

// '''

// }

// }

// }

}

post {

success {

echo "✅ Deployment Successful!"

}

failure {

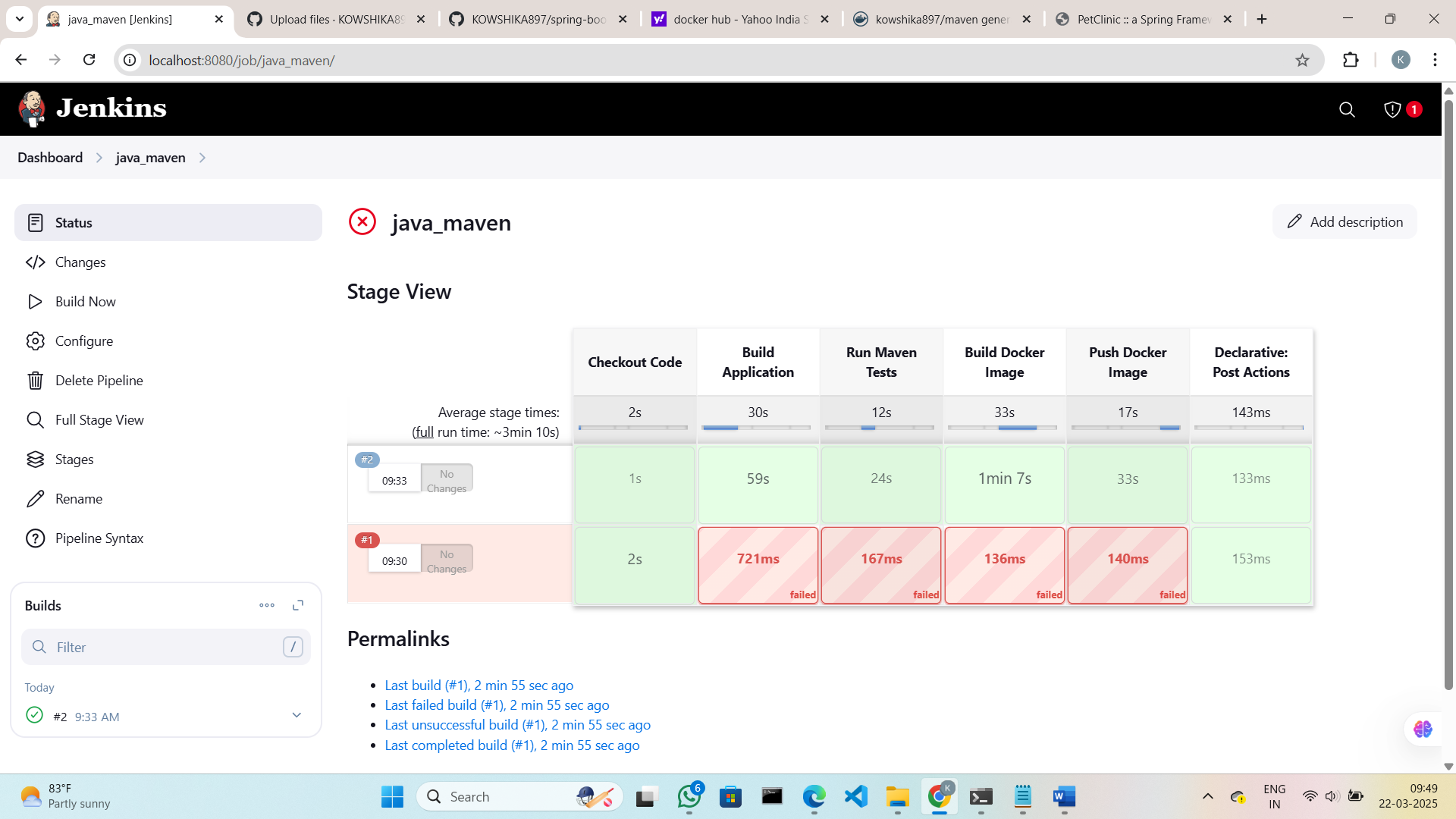
echo "❌ Deployment Failed!"

}

}

}

Stage view :



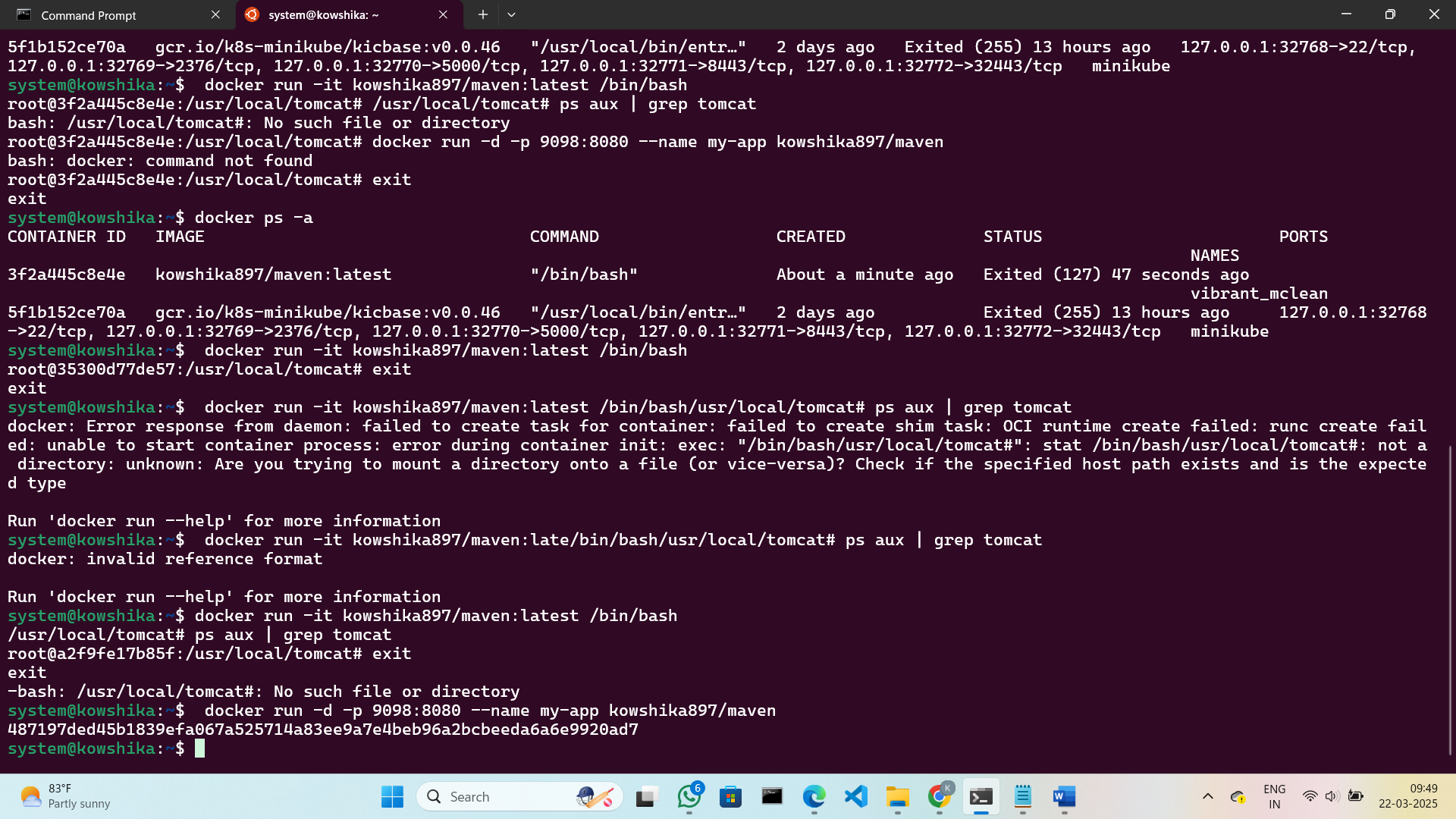
Commands to run in the cli :

docker ps -a

docker run -it kowshika897/maven:latest /bin/bash

/usr/local/tomcat# ps aux | grep tomcat

docker run -d -p 9098:8080 --name my-app kowshika897/maven



Output in http://localhost : 9098

