pipeline {

agent any // Run on any available agent

environment {

// Define the JAVA\_HOME and GRADLE\_HOME environment variables

JAVA\_HOME = 'C:/Program Files/Java/jdk-17' // Path to JDK 17

GRADLE\_HOME = 'C:/Users/pawad/gradle-8.8' // Path to Gradle 8.8

PATH = "${JAVA\_HOME}/bin;${GRADLE\_HOME}/bin;${env.PATH}" // Update PATH to include both Java and Gradle

}

tools {

// Declare tools that Jenkins should use (e.g., Gradle, JDK)

gradle 'Gradle 8.8' // Gradle version configured in Jenkins global tools

jdk 'JDK 17' // Use JDK 17 configured in Jenkins global tools

}

stages {

// Stage 1: Checkout code

stage('Checkout') {

steps {

checkout scm // Pull the latest code from the repository

}

}

// Stage 2: Build the application

stage('Build') {

steps {

script {

echo "Building the application"

bat 'gradle build' // Run Gradle build command

}

}

}

// Add more stages here if needed, e.g., testing, deployment, etc.

}

post {

always {

echo "Cleaning up workspace..."

cleanWs() // Clean up workspace after the build, always run

}

success {

echo "Build succeeded!"

}

failure {

echo "Build failed!"

}

}

}