**Jenkins file**

pipeline

{

agent any

stages

{

stage('Build')

{

steps

{

bat 'javac HelloWorld.java'

bat 'java -version'

}

}

stage('Run')

{

steps

{

bat 'java HelloWorld'

}

}

}

}

**Docker file**

#base image

FROM openjdk:17

COPY . /src/java

WORKDIR /src/java

RUN ["javac","HelloWorld.java"]

ENTRYPOINT ["java","HelloWorld"]

**Jenkins file**

pipeline

{

environment

{

registry = "vedika19/demoimage"

registryCredential = 'dockerid'

dockerImage = ''

}

agent any

stages

{

stage('Build image')

{

steps

{

script

{

dockerImage = docker.build registry + ":$BUILD\_NUMBER"

}

}

}

stage('Deploy the image')

{

steps

{

script

{

docker.withRegistry( '',registryCredential )

{

dockerImage.push()

}

}

}

}

}

}