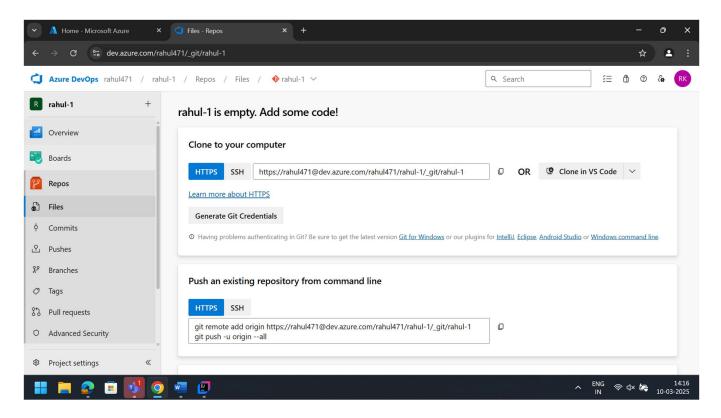
Lab Exam: Azure devOps pipeline

You will find a spring boot project, fist run project locally and ensure test cases are running and jacoco code coverage is working.

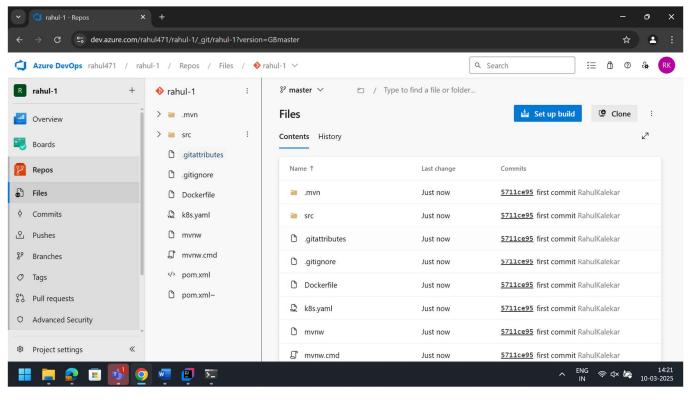
Now Create azure repo and push the project the azure repo and create 2 more branches test and dev.

Now Create declaritve CI pipeline using azure pipeline and put the snapshot of result in an word document and push to github

Created repo

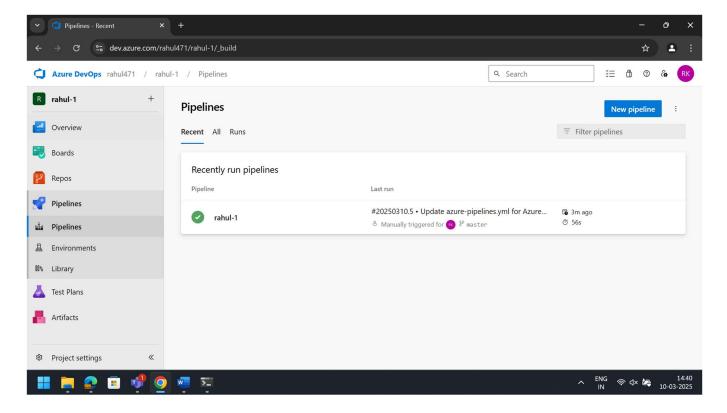


Committed and pushed to master



```
create mode 1006444 Dockerfile
create mode 1006444 k8s.yaml
create mode 1006444 wnw
create mode 1006444 wnw
create mode 1006444 pom.xml
create mode 1006444 src/main/java/com/calapp/CalappApplication.java
create mode 1006444 src/main/java/com/calapp/controller/NumericController.java
create mode 1006444 src/test/java/com/calapp/CalappApplication.properties
create mode 1006444 src/test/java/com/calapp/controller/NumericControllerTest.java
create mode 1006444 src/test/java/com/calapp/controller/NumericController/NumericController/NumericController/NumericController/NumericController/NumericController/NumericController/NumericCont
```

Created pipeline



Script

trigger:

branches:

include:

- main
- dev
- test

pool:

vmImage: 'ubuntu-latest'

steps:

- task: JavaToolInstaller@0

inputs:

versionSpec: '17'

jdkArchitectureOption: 'x64' jdkSourceOption: 'PreInstalled'

- task: Maven@3

inputs:

mavenPomFile: 'pom.xml'

goals: 'clean test'

publishJUnitResults: true

testResultsFiles: '**/surefire-reports/TEST-*.xml'

javaHomeOption: 'JDKVersion'

jdkVersionOption: '1.17'

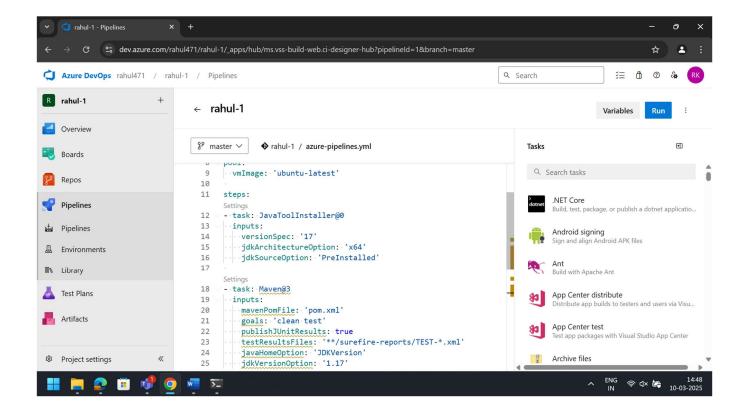
- task: PublishCodeCoverageResults@1

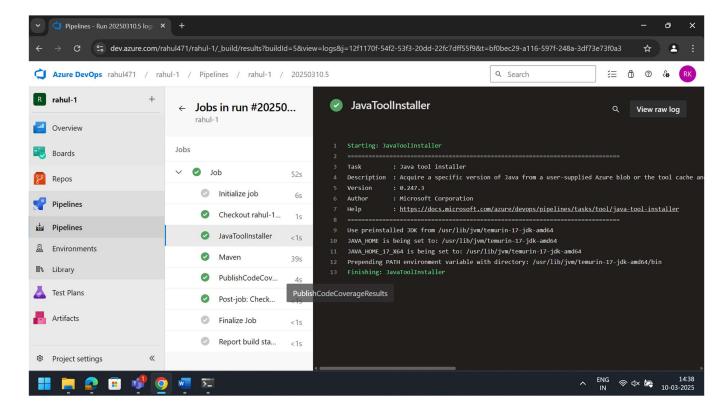
inputs:

codeCoverageTool: 'JaCoCo'

summaryFileLocation: '**/site/jacoco/jacoco.xml'

reportDirectory: '**/site/jacoco'





Tests passed

