Lab:

1. Install extension sonarcloud from sonarsource
2. Create a service connection🡪 Project setting for sonar
3. Project: <https://github.com/amitopenwriteup/sample-java-sonar.git> Import repo to azure
4. Modify pom.xml and provide projectkey and organizationkey

<project xmlns="http://maven.apache.org/POM/4.0.0"

         xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"

         xsi:schemaLocation="http://maven.apache.org/POM/4.0.0 http://maven.apache.org/xsd/maven-4.0.0.xsd">

    <modelVersion>4.0.0</modelVersion>

    <groupId>pl.piomin</groupId>

    <artifactId>sample-java-sonar</artifactId>

    <version>1.0-SNAPSHOT</version>

    <packaging>pom</packaging>

    <modules>

        <module>person-service</module>

        <module>sonar-plugins</module>

    </modules>

    <properties>

        <java.version>11</java.version>

        <sonar.projectKey>**myprojectkey23**</sonar.projectKey>

        <sonar.organization>**amitopenwriteup**</sonar.organization>

        <sonar.host.url>https://sonarcloud.io</sonar.host.url>

    </properties>

    <distributionManagement>

        <repository>

            <id>MavenDemo</id>

            <url>**https://dev.azure.com/amit0682/azuredevops**/\_packaging/maven/v1</url>

        </repository>

    </distributionManagement>

</project>

1. Create a pipeline project

# Maven

# Build your Java project and run tests with Apache Maven.

# Add steps that analyze code, save build artifacts, deploy, and more:

# https://docs.microsoft.com/azure/devops/pipelines/languages/java

trigger:

- master

pool:

  name: myvm

steps:

- task: Maven@4

  inputs:

    mavenPomFile: 'pom.xml'

    publishJUnitResults: true

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

    javaHomeOption: 'JDKVersion'

    mavenVersionOption: 'Default'

    mavenAuthenticateFeed: false

    effectivePomSkip: false

    sonarQubeRunAnalysis: true

    sqMavenPluginVersionChoice: 'latest'

- task: SonarCloudPrepare@1

  inputs:

    SonarCloud: 'sonaraccess'

    organization: 'amitopenwriteup'

    scannerMode: 'Other'