**Running Tests with Gradle**

**Build.gradle**

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\* This file was generated by the Gradle 'init' task.

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\* This generated file contains a sample Java library project to get you started.

\* For more details take a look at the 'Building Java & JVM projects' chapter in the Gradle

\* User Manual available at https://docs.gradle.org/6.8/userguide/building\_java\_projects.html

\*/

plugins {

// Apply the java-library plugin for API and implementation separation.

id 'java-library'

}

repositories {

// Use JCenter for resolving dependencies.

mavenCentral()

}

dependencies {

// Use JUnit test framework.

testImplementation(platform('org.junit:junit-bom:5.10.0'))

testImplementation('org.junit.jupiter:junit-jupiter')

// This dependency is exported to consumers, that is to say found on their compile classpath.

api 'org.apache.commons:commons-math3:3.6.1'

// This dependency is used internally, and not exposed to consumers on their own compile classpath.

implementation 'com.google.guava:guava:29.0-jre'

}

// Apply a specific Java toolchain to ease working on different environments.

java {

toolchain {

languageVersion = JavaLanguageVersion.of(17)

}

}

tasks.named('test') {

// Use JUnit Platform for unit tests.

useJUnitPlatform()

}

**DemoTest.java**

**package** gradleProject;

**import** org.junit.Test;

**public** **class** DemoTest {

@Test

**public** **void** gradledemo()

{

System.***out***.println("Welcome to gradle");

}

}