Intro

You are working on next generation AI that should pass a Turing test.

Your current assignment is to develop a command-line tool that is able to say “hello” and “goodbye” to the user.

Luckily all complex logic is implemented, so your application should only call 2 appropriate methods.

Problem statement

1. Write a command line application with main method that call 2 static methods:

* org.mentoring.Hello.sayHello();
* org.mentoring.Bye.sayBye();

All these methods are implemented in libraries module-hello-0.1.jar and module-bye-0.1.jar.

1. Use following maven POM as a starting point:

|  |
| --- |
| <project>  <modelVersion>4.0.0</modelVersion>  <groupId>org.mentoring</groupId>  <artifactId>module-main</artifactId>  <version>0.1</version>  <repositories>  <repository>  <id>my-repo1</id>  <name>your custom repo</name>  <url>http://mentoring-mvnrepo.s3-website-us-west-2.amazonaws.com/</url>  </repository>  </repositories>  <dependencies>  <dependency>  <groupId>org.mentoring</groupId>  <artifactId>module-hello</artifactId>  <version>0.1</version>  </dependency>  <dependency>  <groupId>org.mentoring</groupId>  <artifactId>module-bye</artifactId>  <version>0.1</version>  </dependency>  </dependencies>  </project> |

1. Add appropriate settings to this POM to build a single jar with all dependencies included.
2. Build project and ensure that it works properly (able to say hello and goodbye):

java -jar <your-target-jar-name>

1. Migrate project to Gradle. (Consider using gradle init command as starting point)
2. Build project using Gradle and ensure that it works properly (able to say hello and goodbye): java -jar <your-target-jar-name>
3. After everything is working, push all your code to GitHub repository

**Hint: in the case of any run-time errors pay attention to the differencies in dependency trees generated by Maven and Gradle tools.**

Additional reading

<https://docs.gradle.org/current/userguide/dependency_management.html>

<http://techidiocy.com/maven-dependency-version-conflict-problem-and-resolution/>