[Maven App to access External Service](https://cognizant.tekstac.com/mod/vpl/view.php?id=7070)

**Grade settings**: Maximum Grade: 100  
**Based on**: [Maven App to access External Service](https://cognizant.tekstac.com/mod/vpl/view.php?id=7070)  
**Run**: Yes **Save**: Yes **Evaluate**: Yes  
**Automatic grade**: Yes **Maximum memory used**: 512 MiB

Create a POM file that represents a Maven project configuration. It defines the project's metadata, build settings, and dependencies. Here's an abstract explanation of its components

Project Information: The <groupId>, <artifactId>, <version>, <name>, and <url> elements specify essential information about the project, such as its unique identifiers, version, name, and homepage URL.

Packaging: The <packaging> element indicates the type of packaging used for the project. In this case, it is set to jar, which means the project will be built as a JAR (Java Archive) file.

Build Configuration: The <build> element contains build-related settings and plugins for the project. In this POM file, there is one plugin specified: org.codehaus.mojo:exec-maven-plugin with version 1.6.0. This plugin allows the execution of a Java application from the command line.

Plugin Configuration: The <configuration> element within the <plugin> section provides configuration specific to the exec-maven-plugin. It specifies the fully qualified name of the main class to be executed (info.maigo.lab.hello.App) and the arguments (niwasawa and maigolab) passed to the main class when executed.

Dependencies: The <dependencies> section lists the external libraries or modules that the project depends on during compilation and execution. In this case, the dependencies include com.mashape.unirest:unirest-java version 1.4.9, org.json:json version 20170516, and junit:junit version 4.13.1. These dependencies will be automatically downloaded and included in the project's classpath by Maven.

[Next activity](https://cognizant.tekstac.com/mod/vpl/view.php?id=20550&forceview=1)**[Capital Service](https://cognizant.tekstac.com/mod/vpl/view.php?id=20550&forceview=1)**

**Kudos!**You have earned some XP points.