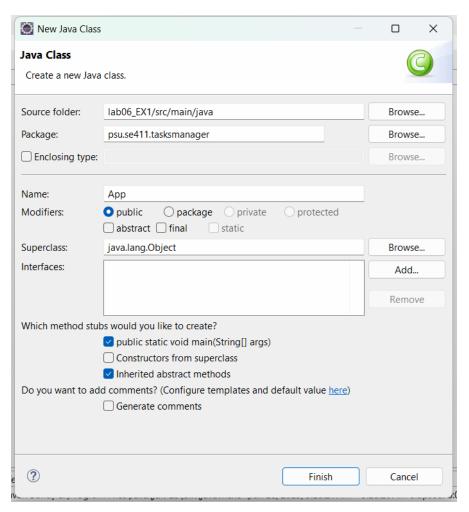
LAB 06: Maven intro

# Ex 1: Maven Project Dependencies

For this exercise, you will prepare the Maven project for your course main project (you can work in groups, same group as in the course main project).

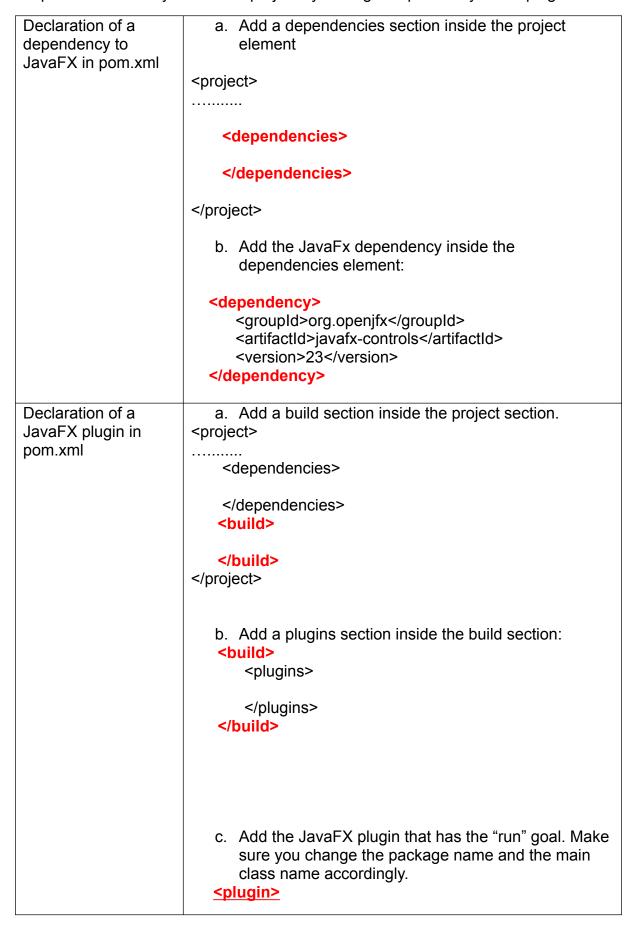
- 1- Create a maven project with the name of your course main project (see course main project description).
- 2- In src/main/java folder, create a Class with a main method, make sure you name your project using a namespace that reflects your team/company, for example: psu.se411.myprojectname

#### Example:



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3- Import JavaFX into your maven project by adding a dependency and a plugin:



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3. Test your project by creating a very basic JavaFX application in your main class: Make your Main class inherit from the JavaFx Application class:

```
public class MainClass extends Application ...
```

Then implement the basic methods of a JavaFX Application: For Example:

```
public static void main(String[] args) {
    launch();
}

@Override
public void start(Stage primaryStage) {
    try {
       primaryStage.setTitle("My Project");
       primaryStage.show();
    } catch (Exception e) {
       e.printStackTrace();
    }
}
```

4. Finally, execute the clean and javafx:run goals using Maven. The window should show up.

## EX 2: Maven Site Plugin

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Continue working of the same project.

You will add basic information to your project and generate a website as documentation:

1. In pom.xml add the following elements:

a.	Add information about your project	<name>MyProject Name</name> <description>This project is </description> <url>https://yourProjectUrl.dom</url>
b.	Add information about the license of the product	<li><li><li><li><li><li><li><li></li></li></li></li></li></li></li></li>
C.	Add information about your company (here it is a team)	<pre><organization></organization></pre>
d.	Add information about the developers (your team members)	<pre><developers></developers></pre>

- 2. Generate the documentation website by running the basic site plugin: clean site
- 3. Inside the target/site folder, you should fins an index.html page. Open it by right-clicking -> open with -> system editor.

**END**