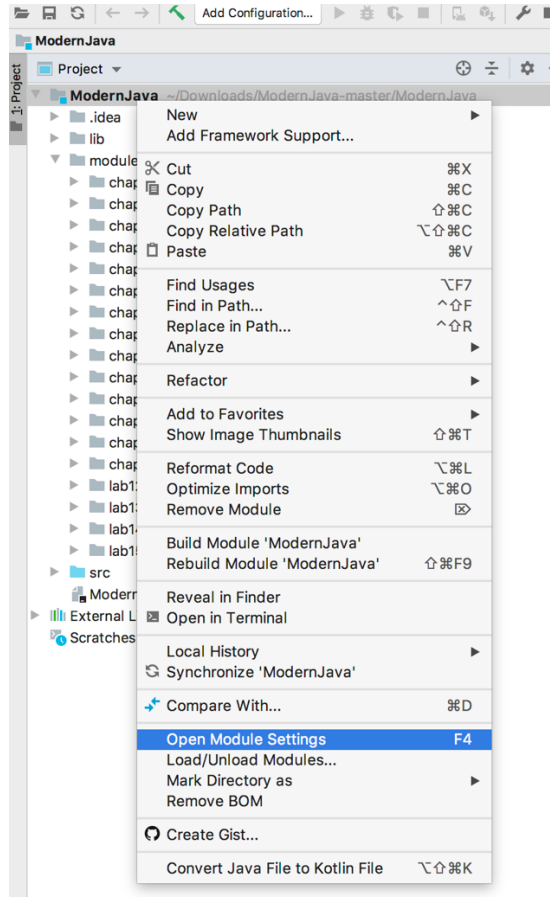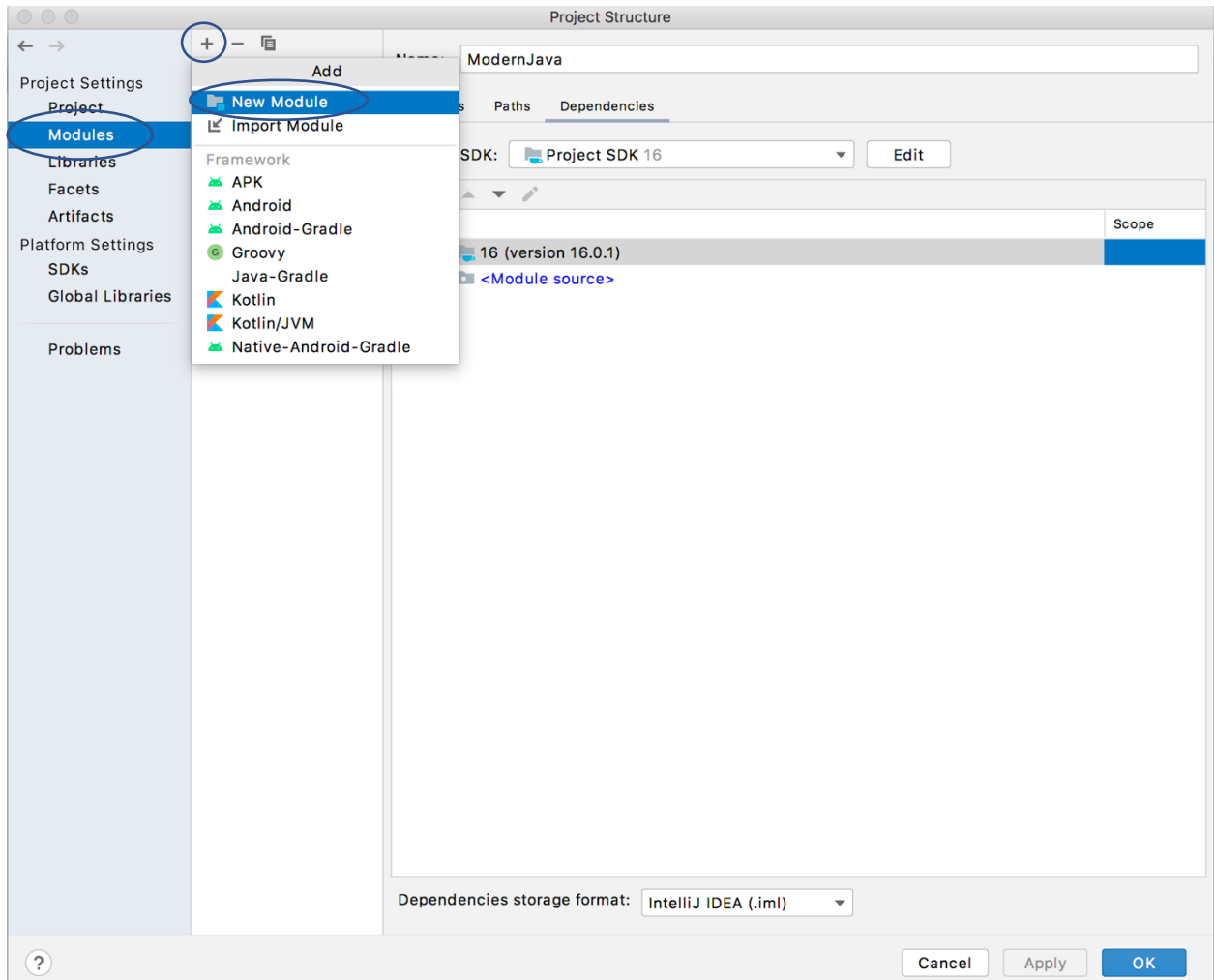# Creating modules within Intellij

These instructions are for creating modules with dependencies within Intellij. Code from lab 12 is used in the example.
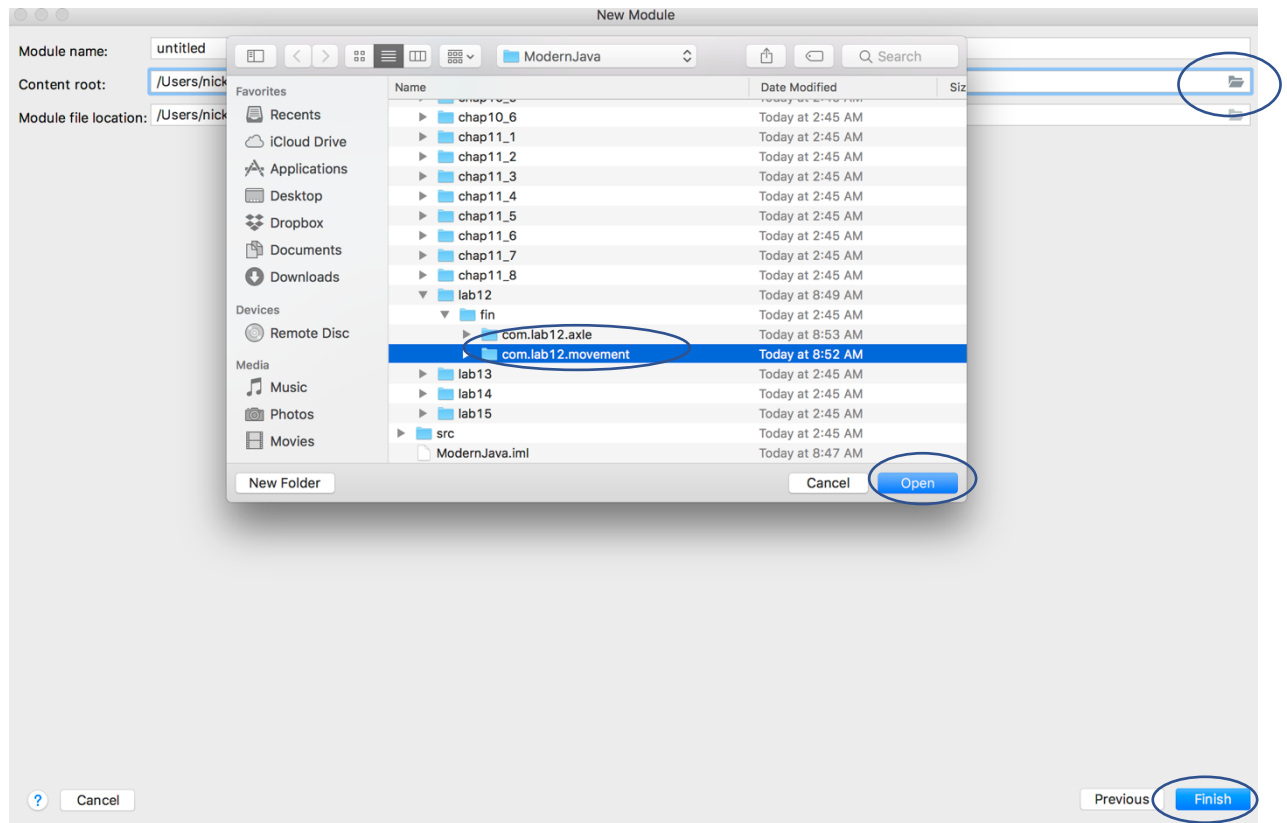
1. Select the project, then "Open module settings"

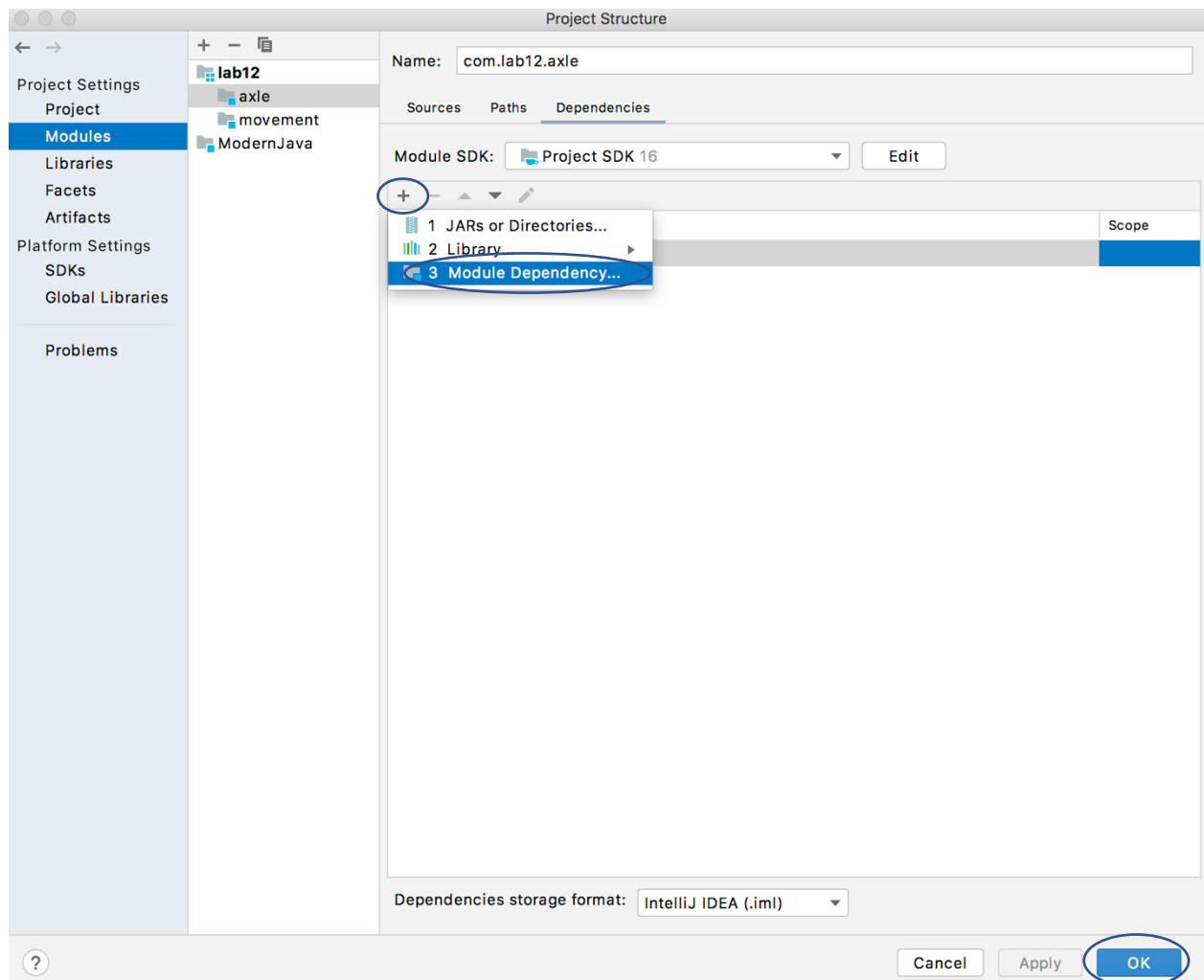2. Select "Modules", "+", then "New Module".

3. Press "Next", then open the content root folder and select lab12/com.lab12.movement. Press "Open" and "Finish". If you get a "File already exists…" messages, select "Yes" to overwrite.
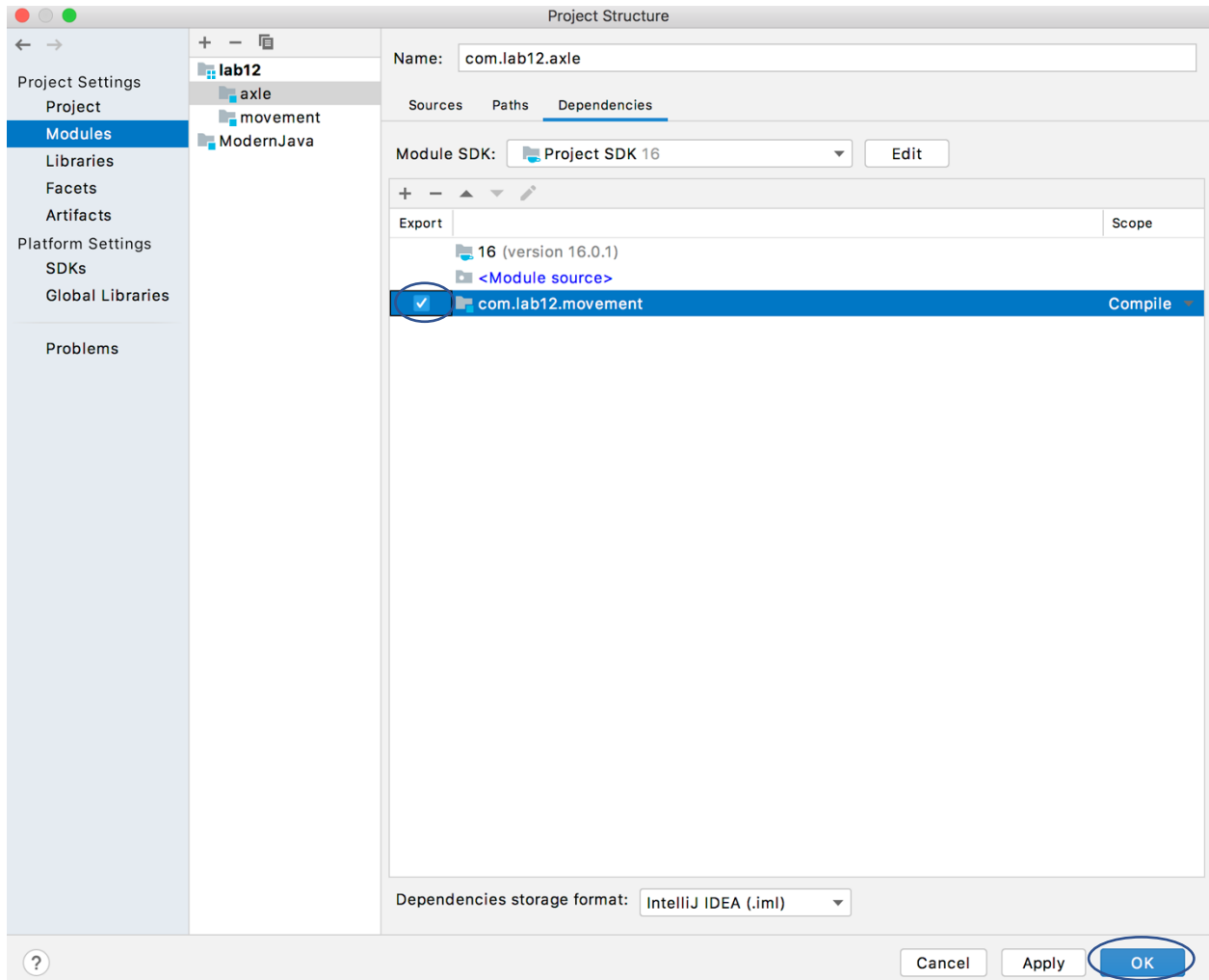

4. Repeat the previous two steps and replacing for lab12/com.lab12.axle.

5. Add the dependencies between the two modules. Press "+", "3 Module Dependency…" and select com.lab12.movement". Press "OK".

6. Export the "com.lab12.movement" module and press "OK".

7. The modules will now be recognized within Intellij and should be marked in bold.