

Gradle



**Idaho State
University**

**Computer
Science**

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ROAR

Daily Quiz

- Starting at 14:02
 - You will have 5 minutes
 - You may not use your notes, books, lectures, or the internet
 - You may not help each other

Passcode

4549

Individual Practicum

- ① Open up your laptops and login
- ② Open a command line
- ③ create a new folder called "gradle_test"
- ④ Change directories to this new folder
- ⑤ Execute the following commands:
 - > `gradle init`
 - Use the defaults for a Java Application using the Groovy DSL
 - > `gradle build`
 - > `gradle test`
- ⑥ Import this project into your IDE
 - Build, Run, and Test the project
- ⑦ Add the following dependencies at their most recent version to your build (you will need to look them up)
 - JGraphT
 - Apache Commons CLI
 - Apache Commons Lang-3
- ⑧ Modify the `App.java` file to create a simple CLI with a couple of basic options (see the Apache CLI documentation)
 - **If you have any issues ask a neighbor for help**

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- Finally: Work through the "Building Java Applications Sample"
 - https://docs.gradle.org/current/samples/sample_building_java_applications.html