

Exercises Setup

- This slideset summarizes the setup of IntelliJ and the git repository to participate in the exercises of programming basics.

- You need to download IntelliJ as a working environment:

<https://www.jetbrains.com/idea/>

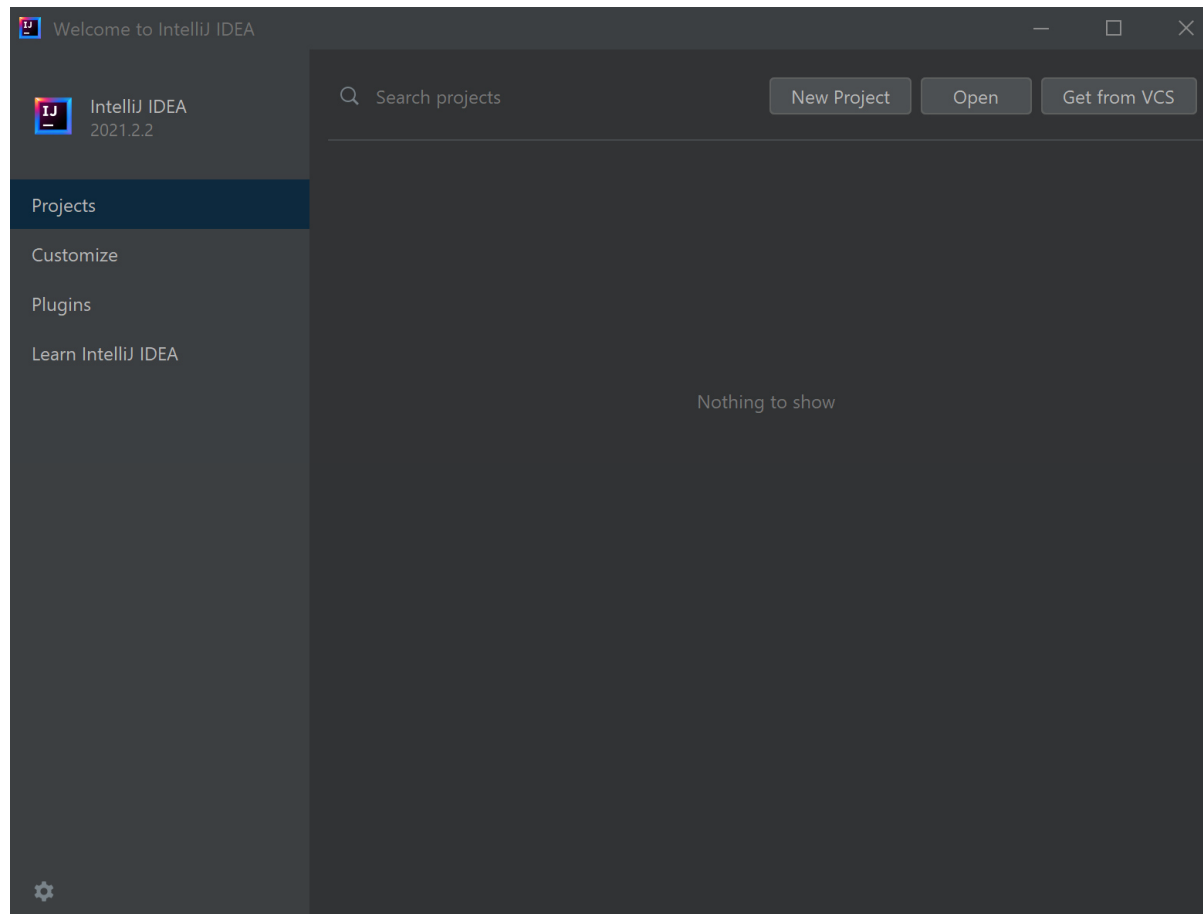
- The files for exercises can be found here:

<https://inf-git.fh-rosenheim.de/hoka416/aai-pgb-ws2021>

- Where branch *main* provides required files for the exercises and branch *solutions* contains examples on how to complete the tasks for the exercises.

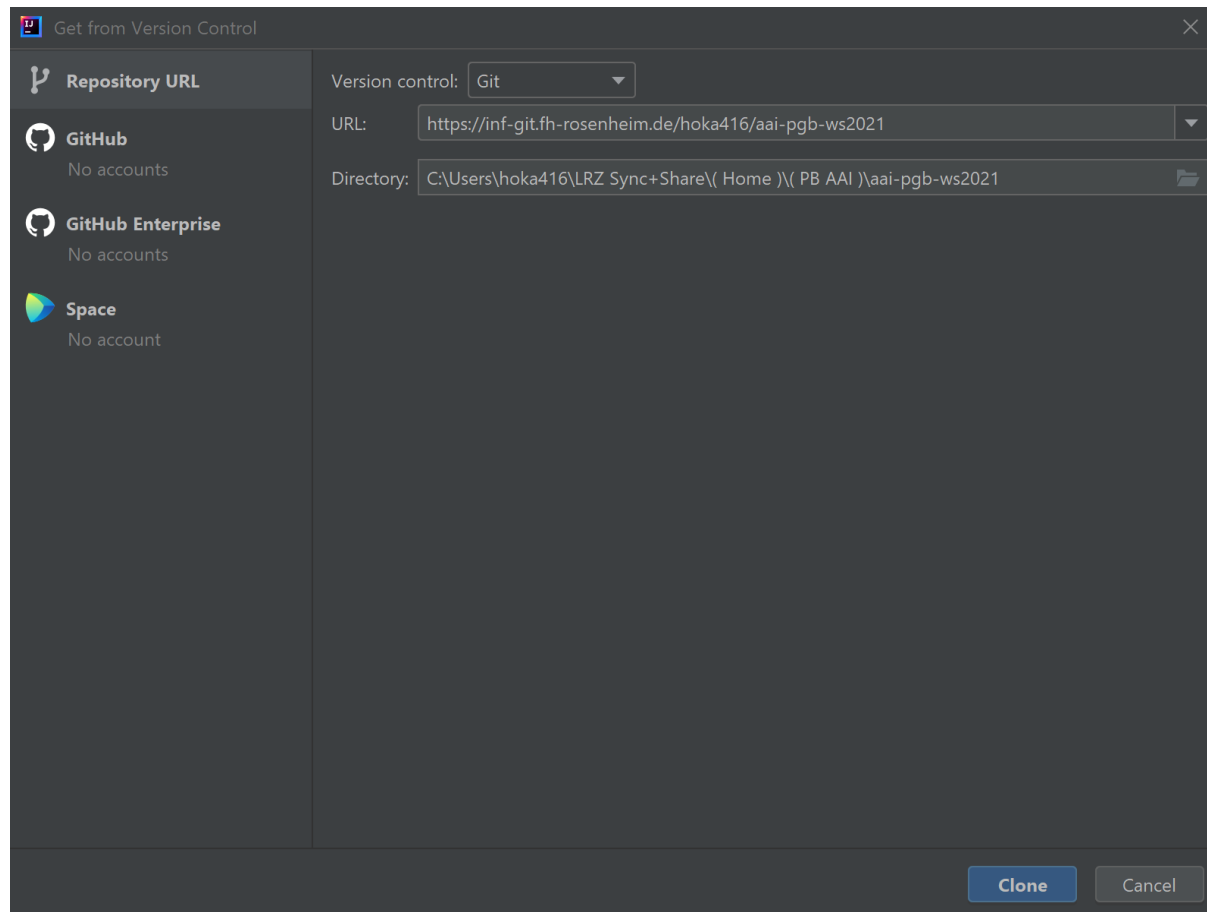
Getting the project from git

- After installing IntelliJ, you click on „get from vcs“



Getting the project from git

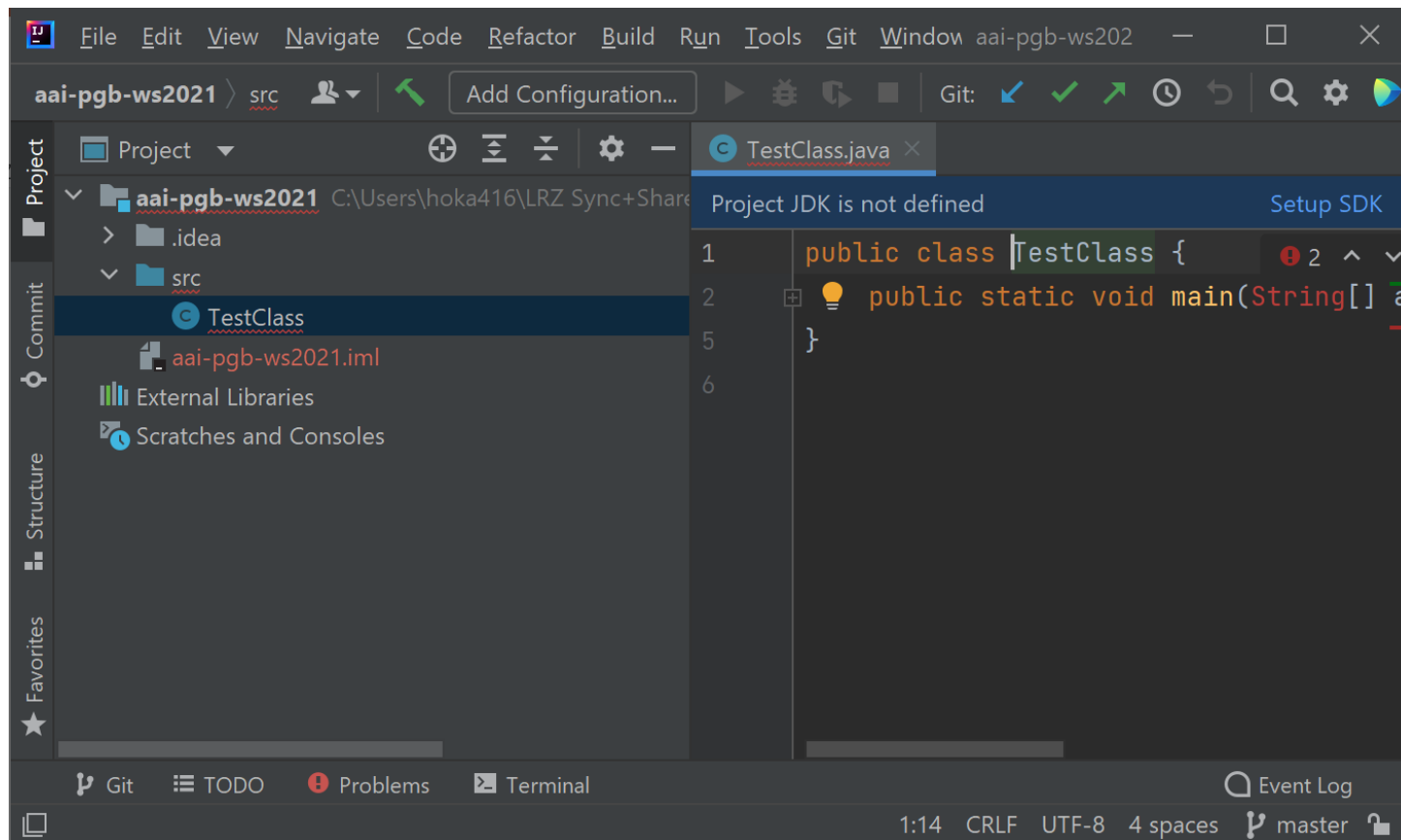
- Enter <https://inf-git.fh-rosenheim.de/hoka416/aai-pgb-ws2021> as url and set up a path. Then click on „clone“ and provide your SSO credentials.



Getting the project from git

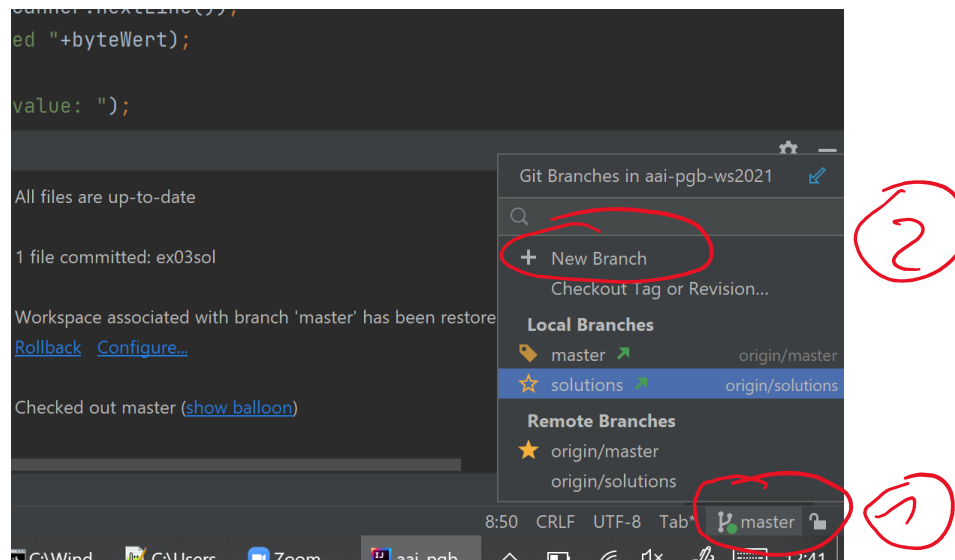


- Navigate to src/TestClass, click on „setup SDK“, select a Java SDK (preinstalled V14 or OpenJDK), press CTRL+ALT+F10 and run the test class to see if it is working. If it outputs „hello World“, everything is fine.



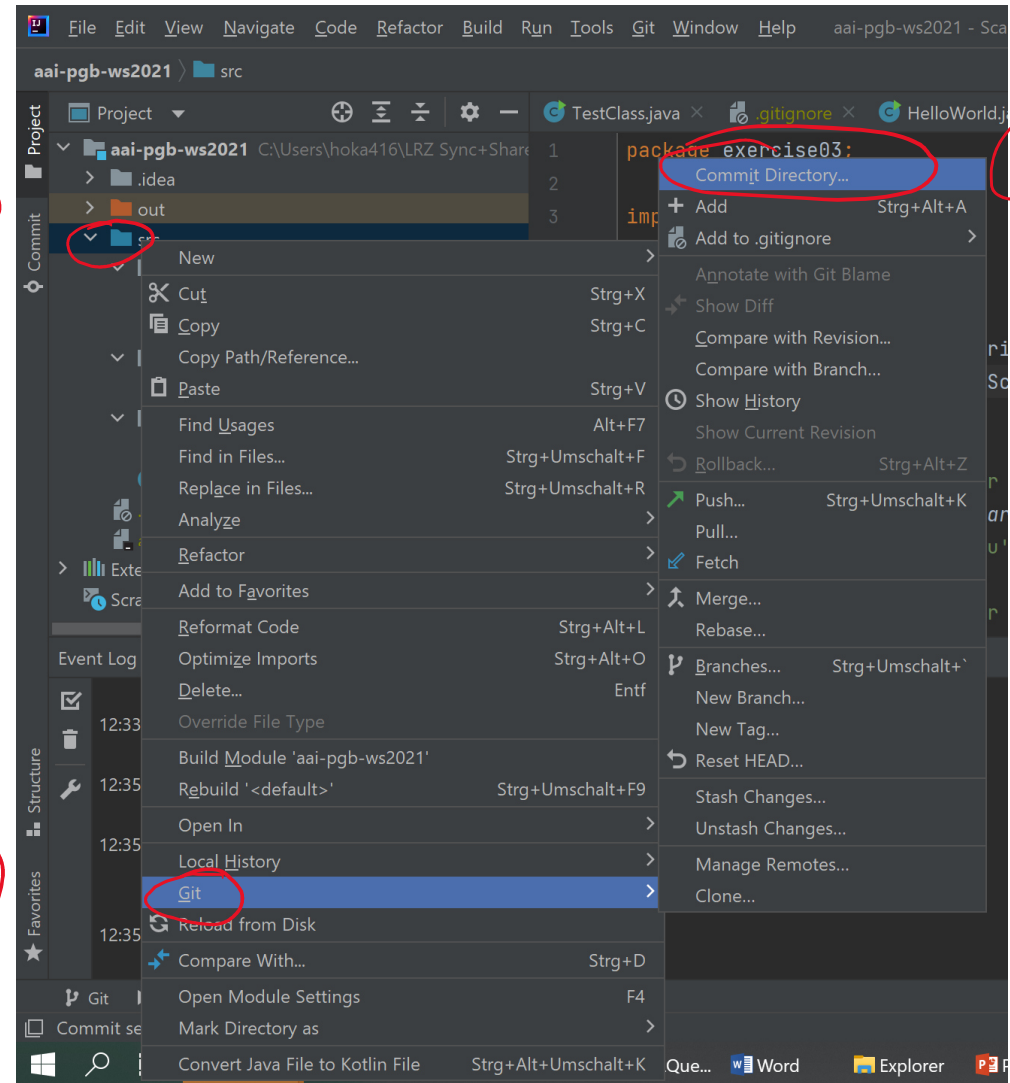
Start programming

- Your own solution will be in your own local branch. To create a local branch, click on „new branch“ in the lower right corner of IntelliJ and give it a meaningful name e.g. „my_solution_for_exercise_01“



Once you are done..

- When you are done programming your solution, you can „store“ your solution to your branch by committing.
- After that, you can checkout the branch „master“ to see the original files or checkout the branch „solutions“ to see examples on how the exercise can be solved.



Update your files

- When you checked out the branches „master“ or „solutions“ you can update your local files with new exercises or solutions by selecting „pull“ from the git menu.

