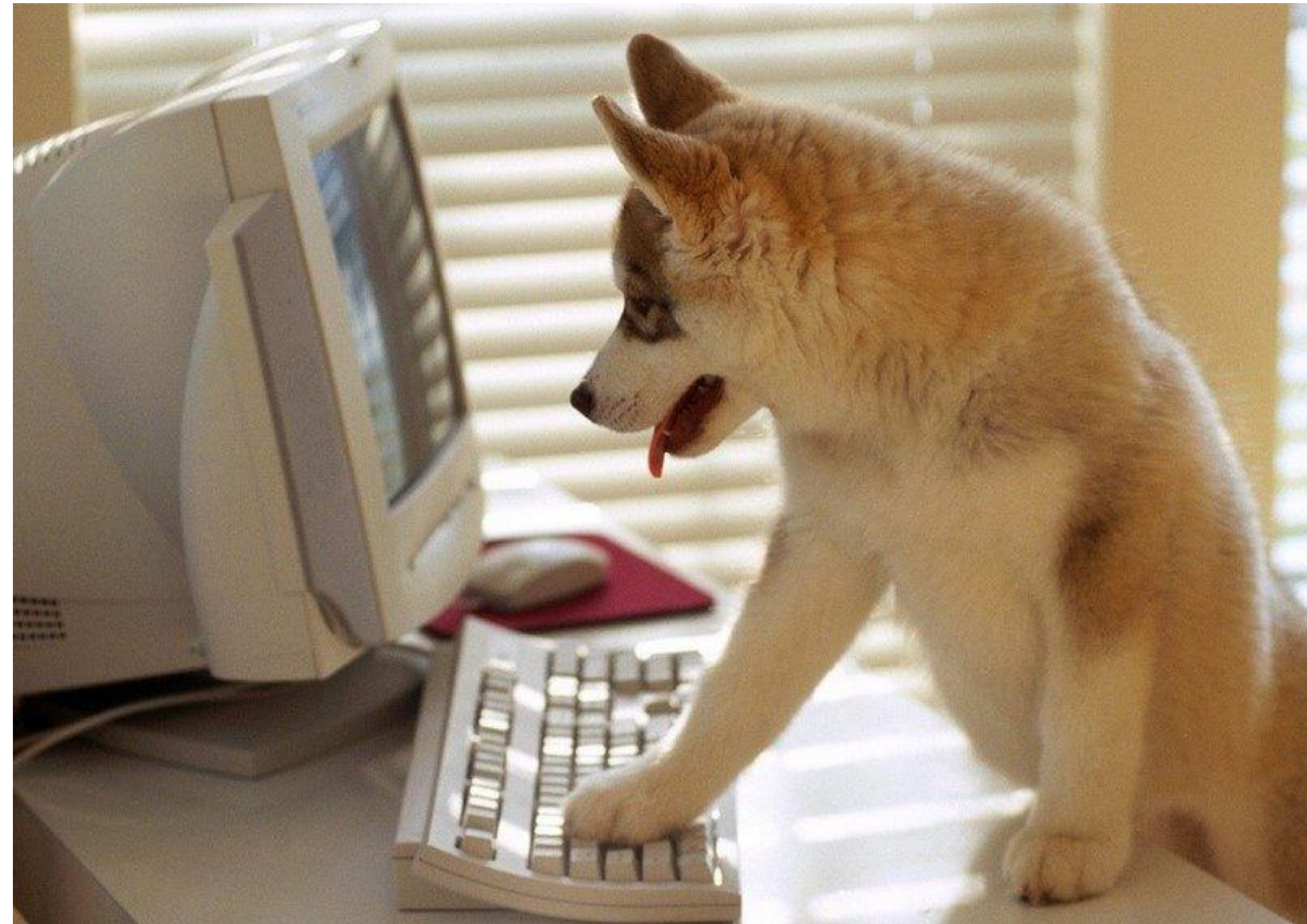


Programming Tutorial [Advanced]



Organizational Stuff

If you own a laptop, please bring it here and use it!

Otherwise, use the Lint-Pool computers with Linux, **not with Windows!**

Organizational Stuff

Current time slot: Every Friday 05:00 PM



GIT Dictionary

- *Repository*: Contains not just the code, but also important metadata
- *Commit*: Updates code with your changes and important metadata
- *Push*: Adds your local commits to the repository
- *Pull*: Updates your local code with the current commits

Different ways to use GIT

1. Through the console (recommended for better understanding):
<https://github.com/javaprogrammingbuw/structures/wiki/Git-commands>
(Windows users: Download git (<https://git-scm.com/downloads>) and use *git bash*)
2. Different GIT GUIs (you can use them, but you have to figure out by yourself how they work)

Android

Up from next week:

- Bring your laptop with a working version of Android Studio (If you don't have a laptop, bring a partner with a laptop ;))
- If you own an Android phone, please bring it together with a USB cable to connect to your laptop.
- If you don't own an Android phone, please download an emulator (It is very easy, you can download it directly from Android Studio, it just takes a while)

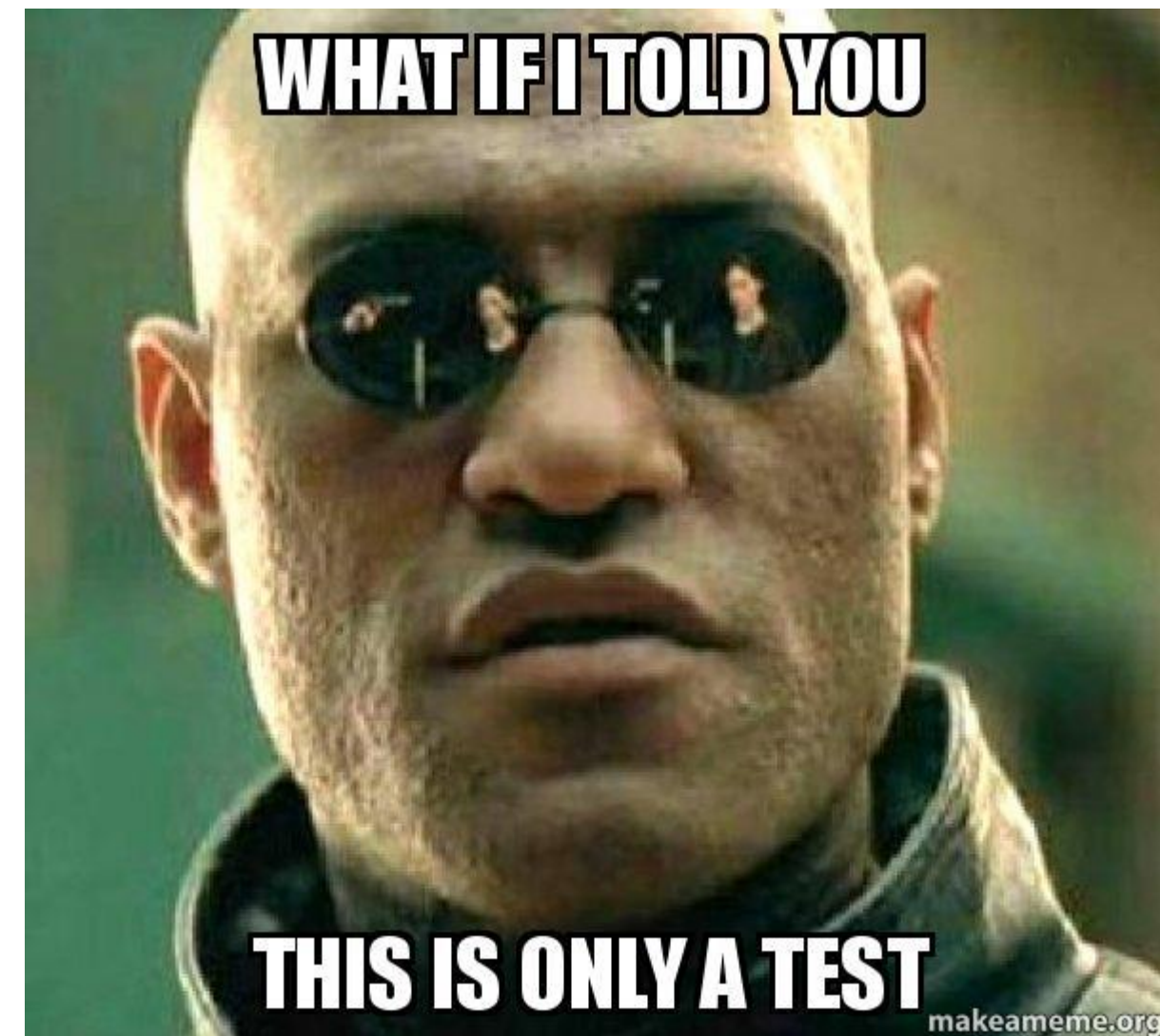
Android

The first exercise is a self-test **for you**.

- Don't panic!
- I won't check it unless you want me to

You should be at least familiar with object oriented programming if you want to do this tutorial.

If you are, see this as a little warm-up ;)



First Steps

In this course we will use Github Classroom

1. Get a Github Account if you don't have one
2. Go to: <https://classroom.github.com/a/3oCP0x5o> (or scan the QR Code with your phone)
3. Authorize Github and accept the assignment
4. Click on the repository

