LAB 1

1) Intro & administrative stuff
    a) Course professor: prof. Molnar Arthur
    b) Lecture files: Fundamentals of programming Team/General/Files
    c) Lab
        i. You will receive a link to an assignment each week; there you will find the requirements, and you'll be using Github to upload your assignments
        ii. Lab rules

2) How will the labs work?
    a) We'll usually take a few minutes at the beginning to discuss next week's assignment - access, requirements, code templates, questions, deadline
    b) Once that is understood, I'll start looking over current assignments and grade them.
    c) For a lab to be graded, you must do two things: upload your code on Github, and present it during the lab. Presentation means screen sharing your code, walking me through your work and answering any questions I may have.

You can see the attendance and grade situations on the links posted in MS Teams (General channel - **Grades and attendance situation post**).

ON THAT NOTE, ALSO IMPORTANT:

1) Don't hesitate to ask questions. Especially on things you don't understand - *nobody expects you to get it on the first try*. You're here to learn, and we're here to help you.
2) The only way to become good at this (…sadly): work at it. Study & a lot of practice. Mistakes don't make you a bad programmer/student. They're how you learn (no, really.)
3) But also take breaks. Long time spent writing and debugging your code might give you tunnel vision: you'll fail to see what's in front of you. Sometimes an hour of doing something else is exactly what will help you fix it.

THIS LAB

1. Getting started with Github Classroom
    a) Make an account on Github (you can use your @stud account) and set username to <group number>-<Surname>-<Name> (ex. 911-Popescu-Ion) (you can change your username after you are finished with the university related stuff) **SUPER IMPORTANT STEP :)**

Access this link for your first assignment: https://classroom.github.com/a/66PfAcUt

    b) Select your name from the list of students that appears. This will link your newly created Github account with the name on the official student list. **SUPER IMPORTANT STEP**

    c) You will enter the *cs-ubbcluj-ro* organization and you will be able to view the **FP repository**, which is where the code from the lectures and semninaries will be.
    d) These steps only need to be done today. Starting next week, you will only need the assignment link, which you will receive on MS Teams.

2. Solving & submitting your assignments

    a) Install GitHub Desktop (https://desktop.github.com/) and sign in to your account.

b) Clone your repo/open it in Github Desktop - (tutorial) - we will walk through an example during the lab
c) Download python & a python IDE
    i.   Python: https://www.python.org/downloads/
    ii. PyCharm: https://www.jetbrains.com/pycharm/download/#section=windows
d) Use *clone, commit and push.* We will also walk through an example during lab.

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