



PRO-PRA TUTOR

WEEK 1

TODAY'S PLAN

- Administrative
- Telegram Group
- Correcting Procedure
- Worksheet 1

ADMINISTRATION

A BIT ABOUT ME

- Jason Lochert
- Bachelor *Informatics 3rd Semester*
- First Time Tutor

TUTOR CLASS

- Every Thursdays 16-19 - 01.07.023
- Be punctual
- Bring a Laptop
- Will always be held in English

TUTOR CLASS

- You are free to leave anytime
- You are not required to attend the tutorials
- If you don't like your tutor, attend another tutor class

CONTACT

- Question regarding this tutor group will be answered via Telegram or Email
 - <https://goo.gl/LVKPGU>
 - Lochert@in.tum.de
- Slides found at
 - in.tum.de/~lochert/



CORRECTIONS

- Sum of all points will be your grade
 - Treat it like an exam
 - IN0002 has full weighting in the first semester
- Each tutor corrects differently
 - What I give may vary from a friend of yours
- Currently I shall be correcting the homeworks, but this may change

CORRECTIONS

- Using automated Unit Tests
 - If: All tests run without a single failure, full points
 - Else: I shall manually look through and deduct points accordingly

CORRECTIONS

- Use the functions exactly how they are defined in the question

CORRECTIONS

- Upload only the files ending with .java, excluding MiniJava.java
- Do not submit your homework as a zip file
- Ensure your java files are encoded in UTF-8

PLAGARISM

- Don't copy anyone else's work
 - Automated detection systems
- Don't share your work either
 - Quite a few who did are currently redoing this subject...

WEEK 1 TASKS

SETUP

- Installation of an IDE
 - IDE Recommendations: **Eclipse, IntelliJ**
 - Other Noteworthy IDEs: NetBeans, **BlueJ**
- You are also free to program with a text editor if you choose to do so

SETUP

- Download and install [Java 8 JDK](#)
- Download and install an IDE of your choice
 - [Eclipse Link](#)

SETUP

- Ensure your IDE uses UTF-8
 - Else your submission is invalid
- To double check, open a text editor like Atom or Notepad++, which shall tell you which encoding it uses

JAVA

- Java uses classes
- Java file names must be the same as the class name or else it will not compile
 - No points

DEMO

- Package
- Class
- Extends
- Main

TASK 1

1. Download Minijava.java from Moodle
2. Create a Project in your IDE of choice
3. Transfer Minijava.java file to your project
4. Create a class in your project, that extends Minijava
5. Write a program that reads two integers and outputs its sum

TASK 2 – COMPILING VIA COMMANDLINE

1. Open a Text-Editor of your choice
2. Write the following code
Save the file as MeinProgram.java
3. Open your respective operating systems command line (power shell/ CMD / Terminal etc.)
4. Windows Only: [Create a Classpath](#)
5. cd to the directory
6. Compile class using the command “javac MeinProgram.java”
7. Run compiled class using “java MeinProgram.java”

```
public class MeinProgram extends MiniJava {  
    public static void main (String args[]) {  
        write("Hello World!");  
    }  
}
```