Introduction
Android Smartphone Programming

University of Freiburg

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3 Submissions

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(Advanced) Android Smartphone Programming

- ESE/ Informatik Bachelor Projekt (5 ECTS/ 6 ECTS)
  - Exercise sheets (5 ECTS)
  - Additional project ($+1$ ECTS)
- ESE/ Informatik Master Praktikum (6 ECTS)
  - Exercise sheets / Additional project

- Six exercise sheets (5 ECTS)
  - 1-2 topics per exercise sheets
  - 2-3 weeks time to work per exercise sheets
- Project ($+1$ ECTS)
  - 2 weeks time to work

Tasks

- Solve exercise sheets
  - Programming tasks
  - Java knowledge is required
  - Comments/ Report
- Project similar to the exercise sheets

Meetings

- *Tuesday, 2pm - 4pm*
- *Room SR 00-019, Building 079*

- Meeting weeks
  - Discussion of the last exercise sheet
  - Introduction/ presentation of the next exercise sheet
- Free weeks
  - Free time to work
  - Consultation-hour
- Class attendance is not mandatory
- No weekly meeting
- Weekly room reservation
  - Time for free work

Organizational Matters
University of Freiburg

Assistant / Tutor

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Webpage proglang/teaching/androidpracticum/2013/

Forum proglang/forum/

Email to Matthias Keil till
Wednesday, 23.10.2013 12:00 (midnight)

- *name, prename*
- *email address*
- *tf username*
- *study program/ required ECTS points*

1)	22.10.2013	Kick-Off Meeting, Introduction to Exercise 1/2
2)	29.10.2013	Deadline: Exercise 1
3)	05.11.2013	Deadline: Exercise 2, Introduction to Exercise 3
4)	12.11.2013	
5)	19.11.2013	
6)	26.11.2013	Deadline: Exercise 3, Introduction to Exercise 4
7)	03.12.2013	
8)	10.12.2013	
9)	17.12.2013	Deadline: Exercise 4, Introduction to Exercise 5
10)	24.12.2013	
11)	*31.12.2013*	*Christmas break*
12)	*07.01.2014*	*Christmas break*
13)	14.01.2014	Deadline: Exercise 5, Introduction to Exercise 6
14)	21.01.2014	
15)	28.01.2014	Deadline: Exercise 6,Introduction to the Project
16)	04.02.2014	
17)	11.02.2014	Deadline: Project

Exercise

- *Eclipse Project* for each exercise (e.g. *exercise1_1*)
- Use package names (e.g. *androidlab.exercise1_1*)
- One *folder* for each exercise

Deadline

- Deadline: 12:00 (noon)
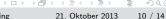- Submit your solution to the subversion repository

- No fine-grained grading system
  - Because of individual solutions
- Exercise gets divided in *features*
- Points for required *features*
  - Points deduction for errors
  - Efficiency and clear code is required
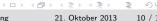 - You are strongly encouraged to test your solution

- No fine-grained grading system
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- Exercise gets divided in *features*
- Points for required *features*
  - Points deduction for errors
  - Efficiency and clear code is required
  - You are strongly encouraged to test your solution

- The exercises have to be done by yourself
  - Team work is not allowed
  - You are not allowed to copy source code
- Used foreign code (e.g. classes, libraries) has to be marked

- Provide your source code with comments
  - *if required*
- Clear and understandable style is required
- **Comments do not explain it the code**
- Comments clarify its intent

Bad style

```
1  // declare name
2  // concatenates uid and nr
3  String name = uid + nr;
```

Good style

```
1  // declares the username used for ...
2  String name = uid + nr;
```

- Formal description of the implemented program
    - Intent, structure, problems
- Limited to one page
- Either in German or in English
- Clear and understandable style is required

Questions ?

Attendance ?