## Introduction

Advanced Android Smartphone Programming

University of Freiburg





1 General Information

2 Organizational Matters







## Topic and Tasks

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Joint Android Project with individual tasks

#### **Tasks**

- Requirement Analysis
- Programming Tasks
- Comments and Code Quality
- Efficiency and Usability
- Android Studio Project/ published with The MIT License









- Devision into individual programming Tasks
- Coordinative tasks
  - Team Manager/ Coordination
  - Testing Manager
  - Code Quality Manager
  - Website/ Documentation
  - . . . .
- No fine-grained grading system because of individual parts
- Design and implementation
- Presentation







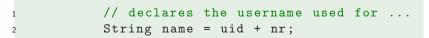


- Provide your source code with comments
  - if required
- Clear and understandable style is required
- Comments do not explain the code
- Comments clarify its intent

## Bad style

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

## Good style







## Final Presentation

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- Description of the implemented program
  - Individual part
  - Intent, requirements, structure, problems, . . .
- 10 minutes
- Either in German or in English
- Clear and understandable style is required









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- Monday, 4pm 6pm
- Room SR 00-019, Building 079
- No weekly meeting.
- Class attendance is mandatory.
- Weekly room reservation.







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## Email to Matthias Keil until Thursday, 22.10.2015 12:00 (midnight)

- name, prename
- email address
- tf username (pool account)
- study program







## Organizational Matters

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### Assistant / Tutor

#### Matthias Keil

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Phone +49 (0)761 203 8060

Webpage proglang/teaching/androiddevelopment/ 2015/

SVN https://proglang.informatik.uni-freiburg.de/svn/aasp







19. Oktober 2015

# Preliminary Timetable

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2)

1)	19.10.2015	Kick-Off Meeting	

02.11.2015 **End: Project Description** 3)

09.11.2015 4)

16.11.2015 **End: Design Phase** 5)

23.11.2015 6) 30.12.2015 7)

26 10 2015

07.12.2015

**End: Development Phase 1** 8) 14.12.2015 9)

21.12.2015 10)

28.12.2015 Christmas break 11) 04.01.2016 Christmas break 12)

11.01.2016 **End: Development Phase 2** 13)

18.01.2016 14)

25.01.2016 **End: Development Phase 3** 15)

01.02.2016 16)

08.02.2016 Final Release / Presentation 17)







# Lecture App





