

Programming Paradigms

Introduction (Part 2)

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Summer 2020

Overview

■ Motivation

- What the course is about
- Why it is interesting
- How it can help you

■ Organization



- Exercises
- Grading

■ Introduction

- Programming languages:
History, paradigms, compilation, interpretation

Language

- **Written material** (slides, exercises):
English
- **Lectures**: German
- **Exercise sessions**: German and
English
- **Final exam**: Questions in English,
answers in German or English

Lectures

Three weekly slots (**Mon, Wed, Fri**)

- But: **Not all slots used**
- See course page for schedule:

<http://software-lab.org/teaching/summer2020/pp/>

Videos, slides, hand-written notes:

- Made available throughout semester

Exercises

- **Six graded exercises**
- **We publish on day X**
 - On the course page
- **You submit your solution by day X+7**
 - Via Ilias
- **Discussion of exercises after day X+7**
 - Video available in Ilias
 - Office hours via Webex

Ilias

Platform for discussions, in-class quizzes, and sharing additional material

- Please register for the course
- Use it for all questions related to the course
- Messages sent to all students go via Ilias

Link to Ilias course on
software-lab.org/teaching/summer2020/pp/

Quizzes During the Lectures

- **A few quizzes during each lecture**
 - Check your understanding
 - Answers are anonymous and not graded
- **Access quizzes via Ilias**

Questions and Discussions

For any (non-personal) questions:

Use **forum in Ilias**

- English or German
- Encouraged: Answer each other
- Teaching assistants and me are monitoring it

Grading

- **Exercises: Passing is prerequisite for final exam**

- Each exercise: 100 points
- Minimum number of points per exercise: 30
- Minimum number of total points: 360
- Your points: Published after each exercise

- **Final exam: Open book**

- All printed and hand-written material allowed (incl. slides, textbooks, and a dictionary)
- Tests your understanding, not your knowledge

Reading Material

- **No script or book covers everything**
 - Most relevant book: *Programming Language Pragmatics* by Michael L. Scott
 - Also interesting: *Concepts of Programming Languages* by Robert W. Sebesta
- **Pointers to book chapters and web resources: Course page**