

INF102 Algorithms and Data Structures

Marc Bezem¹

¹Department of Informatics
University of Bergen

Fall 2015

INF102

- ▶ Lecturer: Marc Bezem, teaching assistants: NN
- ▶ Homepage: [INF102](#) (hyperlinks in red)
- ▶ Textbook: [Algorithms, 4th edition](#), R. Sedgewick and K. Wayne, Pearson, 2011
- ▶ Prerequisites: INF100 + 101 (\approx Ch. 1.1 + 1.2)
- ▶ Syllabus (pensum): Ch. 1.3–5, Ch. 2, Ch. 3, Ch. 4
- ▶ Exam: 2 or 3 compulsory exercises and a [written exam](#)
- ▶ Old exams: [2004–2013](#), [2014](#)
- ▶ Contents of these slides [5](#)

Didactical stuff

- ▶ Good textbook from USA: many pages, exercises etc.
- ▶ Average speed must be ca 50 pages p/w
- ▶ Lectures focus on the essentials
- ▶ Prepare yourself by doing some reading in advance
- ▶ Workshops about selected exercises
- ▶ Test yourself by doing some exercises in advance
- ▶ If you can do the exercises (incl. compulsory), you are fine

Java warming-up

PolyPair

ToC and topics of general interest

- ▶ Table of Contents on next slide (all items clickable)
- ▶ Practical stuff: slide 2

Practical stuff

Ch.1.3 Bags, Queues and Stacks

Table of Contents