

## Introduction to Programming – Concepts and Tools

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Week 2

## Today's Goals

- Labs
- Information about the course
- Reminder of last week
- Where you should be by today
- Quiz
- Lecture

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## Labs

- Start today
- 13:00 – 16:00
- 4 groups:
  - Group A: Room 3.17
  - Group B: Room 3.19
  - Group C: Room 4.04
  - Group D: Room 4.05

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## Information

- Course: Friday, 9:00 – 12:00 in room 0.10
  - Exercise classes/Labs: Friday, 13:00 – 16:00 in rooms 3.13, 3.15, 4.04, 4.05
  - Lecturer: Carsten Butz, office 1.17, email: [butz@itu.dk](mailto:butz@itu.dk)
  - Office hours: Monday, 12:00–13:00, Friday, 16:00–17:00
  - Course homepage: <http://www.itu.dk/courses/IPBR/E2003/>
  - Usually updated Thursday evening before the course
- All material will be posted on the webpage.
- Newsgroup: Access through the news reader (for example Netscape)

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## Last week: Program Fundamentals

- Programming language levels
- Lexical elements (comments, keywords, identifiers, literals, operators and punctuation)
- Data types and variables
  - 5 primitive number types
  - 2 primitive floating point types
- Arithmetic expressions (in particular precedence and associativity)
- Editing and compiling simple programs

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## Where you should be

- Theory
  - Read chapters 1 and 2
- Praxis
  - Know the homepage
  - Familiar with computer system, in particular linux
  - Read email
  - Use emacs to open, modify and save files
  - Compile and run programs
  - Completed assignment 1

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## Quiz: On Input 2 and 3, what is printed?

---

```
import tio.*;

public class StringConcat {
    public static void main (String[] args){

        int first, second;
        System.out.println("Please enter two integer numbers: ");
        first = Console.in.readInt();
        second = Console.in.readInt();

        System.out.print("The sum of " + first + " and " + second);
        System.out.println(" is " + first + second + ".");
    }
}
```