

More on Functions & Conditionals

CSE 114 INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING

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Announcements

Homework2 will be posted by Tuesday. Having problems? See a TA or stop by during my office hours.

Exam I : Mar 21. C103 [During Lab]

I will do a review on Mar 19 [instead of Lab class]

Closed book

Allowed: 1 A4 or Letter sheet of notes [Both Sides] in your own handwriting.

2

Remarks

Scanners: Remember to close after use:

- `Scanner console = new Scanner(System.in);`
- ...
- `console.close(); // Releases resources.`

Strings

- `.equals()`, `.equalsIgnoreCase()`

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Abstraction

“black box abstraction” – the concept

“procedural abstraction” – doing abstraction with functions/procedures

See (`Func5.java`) from last lecture

- `square` as an abstraction
- `yesFun` as an abstraction

Signature of a function, function name overloading in Java

- See `Sig.java`

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Exercises on functions

Try to do these problems without using IntelliJ IDEA. If you use IntelliJ IDEA, it will show you what is wrong with the programs. I want you to be able to figure them out yourself

- See [Problem1.java](#)
- ...
- See [Problem5.java](#)

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Variables

Parameters (formal parameters) in a function

Local variables – variables in a method/function

- Local to what?
- See [StackExample.java](#)

Memory diagrams (Stack diagrams)

- Use [StackExample.java](#) to demonstrate

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Some Useful Methods

- See [Other.java](#)

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