

More on Functions & Conditionals

CSE 114 INTRODUCTION TO OBJECT-ORIENTED PROGRAMMING

1

Announcements

Will start by covering programs from Lecture 4 that we did not cover

Homework 1 is due Tuesday night (tomorrow, September 8).

2

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](#)

3

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](#)

4

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

5

Some Useful Methods

- See [Other.java](#)

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