

Final Exam Study Guide: IST 209

Chapter 3 – 5 5 & 9 May 2008

Programming If-else if-else constructs

Switch constructs

Nested if statements

Logical and comparison operators

Operator precedence

Short circuiting

String comparisons

printf formatted output

Unary increment & decrement operators

Programming while loops

Programming for loops

Differences between while, do-while, and for loops

Break & continue statements (usage and caveats)

Examples of and problems with infinite loops

Opening files for reading and writing

Purpose of Methods

Void vs. Value-returning methods

Components of the method header

Argument type compatibility

Passing by Value vs. Passing by Reference

Scope of local variables

Returning values from methods

Programming methods

Note: a “cheat sheet” will be provided which lists the class libraries, default classes, methods, and printf formatting character combinations which have been covered in class and which may be needed for the quiz. You should know what each of the methods is used for and any arguments passed into the methods.