

Reading Requirements

COSC 601

Introduction to Java Programming, Comprehensive Version – 12th Edition

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COSC 601 Readings			
Topic	Learning Outcome	Notes	
Arrays	LO1	Sec. 7.2.1-7.2.6 Sec. 7.2.7 Sec. 8.2, 8.3	Single Dimensional Foreach Loop Multi Dimensional
Copying Arrays	LO1	Sec. 7.5	
Arrays as parameters	LO1	Sec. 7.6, 7.7	
Searching and Sorting	LO2	Sec. 7.10, 7.11 Sec 23.2, 23.3, 23.4	Array searching, selection sort insertion sort, bubble sort, merge sort
Object oriented programming	LO3	Sec. 9.2, 9.3	Defining and declaring classes
	LO3	Sec. 9.9	Encapsulation
	LO3	Sec. 9.14	“this” keyword
	LO3	Sec. 9.4	Constructors
	LO3	Sec. 9.10	References
	LO3	Sec. 9.5	Instance variables
	LO3	Sec. 9.7	Static variables
	LO3	Sec. 9.8	Visibility modifiers
	LO3	Sec. 10.7, 10.8	Wrapper classes
	LO3	in 9.8	Packages
Inheritance & Interfaces	LO4	Sec 11.2, 11.3	Inheritance
	LO4	Sec. 13.2	Abstract classes
	LO4	Sec 13.5, 13.8	Interfaces
Polymorphism	LO5	Sec. 11.7-11.10	Polymorphism
	LO5	13.6	Comparable Interface