

# AP CS A - Daily Plan Sheet

Date: \_\_\_\_\_

## Java Basics - Weeks 8 - 10

Week 8	In Class	Homework
day 41	Lecture 3.1-3.3	read Horstmann Ch3
day 42	Lecture 3.4-3.7	R3.2-R3.7 pseudocode Change lab
day 43	lab	R3.8-R3.15
day 44	Lecture EasyReader console I/O - lab	pseudocode Car Rental lab
day 45	lab	catch up reading
Week 9		
day 46	Lecture 3.9-3.10	R3.16-R3.19
day 47	lab	read Polygon lab
day 48	Lecture Polygon lab	pseudocode Polygon lab
day 49	lab	catch up reading
day 50	lab	P3.17 (carefully by hand)
Week 10		
day 51	P3.17 trace	catch up reading
day 52	lab	catch up reading
day 53	lab	Review Sheet (ch summary)
day 54	Go over Review Sheet	study for test
day 55	Ch3 Test	

### Objectives:

- source, bytecode, compilers, interpreters, java virtual machine, platform independence
- assignment statement, primitive data types
- arithmetic operators, ArithmeticException, precedence, casting/promotion
- java.lang.Math (abs, pow, sqrt), static methods
- simple console I/O using some sort of custom library
- parameter passing terminology and concepts
- String class, object references, aliasing
- selection in more detail
- Object is the superclass of all superclasses, overriding toString()
- interfaces