S11:Homework:H06

CS56—Advanced Applications Programming—S11

H06: Due Thu 04/21 in LECTURE, 50 hwk pts

Reading assignment for H06

Read:

- Chapter 6 in HFJ, p. **125** -164. Using the Java Library

Then answer these questions.

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(1) 10 pts: Fill in the information below

name:		lab section (circle one):	6:30pm 7:30pm
umail address:		csil username:	

(2) (10 pts) Assuming a class called Student exists, write a line of java that makes a plain old Java array of Student references of size 5. (Don't allocate the Student objects, just the array of references, initially null).

(3) (10 pts) Assuming a class called Student exists, write a line of java that makes an ArrayList of Student references. (Don't allocate the Student objects, just the ArrayList, initially empty).

(4) (5 pts) What is one advantage of using an ArrayList over a plain old Java array?

(5) Explain the difference between "short-circuit boolean" operators and "non short-circuit boolean operators" in terms of

- (5 pts) syntax (the actual symbols used)

- (5 pts) semantics (the meaning of the symbols)

(6) (5 pts) Why do some classes in the Java API have package names that start with java.blah while others have package names that start with javax.blah? What does the x mean?