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(First name color-in initial)	Α	В	С	D	Ε	F	G	Н	I	J	к	L	М	N	0	Р	Q	R	S	Т	U	V	w	х	Υ	Z	z	section (4, 5 or 6)	first name initial	last name initial
(Last name color-in initial)	Α	В	С	D	Е	F	G	Н	I	J	К	L	М	N	0	Р	Q	R	s	Т	U	V	W	х	Υ	Z	/ II			

H17: Due Wednesday, 02.11 in Lecture

More on Data Structures (HFJ Ch 16)

Assigned: Thu 02.05

MAY ONLY BE TURNED IN IN THE LECTURE/LAB LISTED ABOVE AS THE DUE DATE,

or offered in person, for in person grading, during instructor or TAs office hours.

See the course syllabus at https://foo.cs.ucsb.edu/56wiki/index.php/W15:Syllabus for more details.

(1) (10 pts) Fill in the information below. Also, fill in the A-Z header by

- coloring in the first letter of your first and last name (as it appears in Gauchospace),
- writing either 4, 5, or 6 to indicate your discussion section (lab) meeting time
 writing your first and last initial in large capital letters.

All of this helps us to manage the avalanche of paper that results from the daily homework.

name:	
umail address:	@umail.ucsb.edu

If you collaborated with AT MOST one other person on this homework, write his/her name below. She/he should also have your name on his/her paper.

There is no new reading assignment for this homework--it continues the study of Chapter 16 from HFJ.

During W12, the CS56 students were assigned to create homework questions from Chapter 16. The remainder of the questions on this assignment are based on questions they came up with.

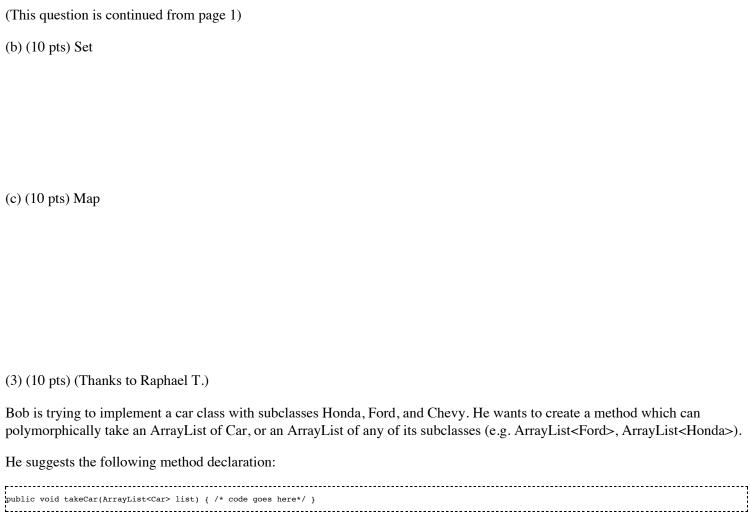
(2) (Thanks to Vicente C.) List, Set and Map are fundamental concepts in the Collections API of Java.

Briefly describe each of these (List, Set, and Map). For each, give an example of a programming situation where that one is more appropriate than the other two.

(a) (10 pts) List

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What is wrong with Bob's logic and what would method declaration would correctly implement what he's trying to do?