

First name (color-in initial)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	section (10, or 11)	first name initial	last name initial
Last name (color-in initial)	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z			

## H22: Due MIDNIGHT MONDAY ON GAUCHOSPACE, 06.03

**Networks and Threads (HFJ Ch 15). Due MONDAY 06.03 on GAUCHOSPACE . Total Points: 50**

This homework reflects the following course goal: Learning how to learn a new language on your own.

### What to do

**Re-read Chapter 15 in HFJ on Networking and Threads, and look at Homework H15 and H16.** If you have questions about the chapter--i.e. material you don't understand, bring those questions with you to lecture on Tuesday 05/28, lab on Wednesday 05/29 and/or lecture Thursday 05/30. Your instructor will answer as many questions in lecture as time permits. The sooner you bring up the question, the more likely it is to be addressed.

Then do the following:

(1) (30 pts) Go to the Forum on Gauchospace marked H22 (Chapter 15) and make TWO separate posts.

Your two posts should be two "10 point" homework questions that YOU author---one based on Networking in Java, and the other based on Threads in Java.

That is, suppose that YOU are the professor for the course and you want to check whether students have read and understood the material in Chapter 16. What questions might you put on a homework assignment (similar to the ones that you've been doing all quarter long?)

You may NOT repeat questions that were already on H15 or H16. (If you do, you'll get no credit for those questions.)

- To be entirely honest, those questions really only "scratch the surface" of the material.
- Try to get into the concepts of networking and threads a bit deeper. Please try to expand the coverage of the questions to the rest of the topics in the chapter that were NOT already covered.

Make these TWO separate posts.

- You should also do your best to NOT duplicate any questions that have already been asked
  - That means you need to read all the questions that were posted to the forum before you got there.
  - If you post a "very similar question" to one already posted, you may lose points.
  - If you post an "exact duplicate" of an earlier question, you'll get no points at all.

Corollary: the sooner you complete this assignment the easier it will be

- more material to choose from
- fewer chances of duplicate questions.

**INSTRUCTIONS CONTINUED ON BACK**

... *'CONTINUED FROM FRONT'*

When posting question, in the **TITLE** of your post, indicate the general topic (threads or networks), and possibly what aspect of threads or networks you are asking about.

Examples:

- "Threads: race conditions"
- "Threads: locks"
- "Networking: client vs. server"
- "Networking: port numbers"

It's ok to duplicate a "title", as long as the questions are substantially different. (I can think of many questions that I could ask about port numbers, for example".

Each of your two questions should be (10 point) question. This can take many forms:

- It could be a single 10 point short answer essay style question.
- It could be collection five True/False questions worth 2 points each
- It could be a segment of code with 1-2 lines missing that the students have to fill in
- It could be a question with three parts (a), (b) and (c) worth (3 points), (3 points) and (4 points) respectively, where each question can be answered with a single word, or a short phrase or sentence.
- etc.

Basically, anything that adds up to 10 points, and any of the many styles of question that you've seen over the course of the many homework assignments you've already completed in this course. You know that style of questions I ask on homeworks pretty well by now, and that there is a wide variety. Anything like that is fair game.

(2) (20 pts) Find one question by **SOMEONE ELSE** that you think is a good question that has **NOT** yet been answered by anyone, and as a "follow up" to the post (i.e. as a reply), answer the question. (If it is a multi-part question, answer it in its entirety.)

(You can post the word "first" to reserve a question for 30 minutes. If you don't answer within 30 minutes, someone else can post "stolen!", and they have 30 minutes. This process is recursive.)

Deadline: Saturday 06.01, 5pm