

CSE142 Lecture Questions for Friday, 2/12/21, section A

Time (e.g., 12:45)	Question	Answer
	How is the final's format? Is it just like the midterm or would it be more strictly graded?	It is similar to the midterm. It has some mechanical style questions and some programming questions. It will be graded in the same way as the midterm.
	Is this strip like model connected to what makes java turing complete? Thank you!	If you mean the fact that the Scanner can be thought of as a one-dimensional sequence of characters, I suppose it is somewhat like a Turing Machine with a tape that it manipulates. But with a Turing Machine, you can move in either direction on the tape and it's infinite. Java is Turing Complete because it has int variables, sequential execution, and while loops.
	<pre>import java.util.*; import java.io.*; File f = new File("numbers.txt"); f.exists() false</pre> <p>Why false here? In your lecture it was true. Thanks</p> <p>So the file numbers.txt should be in the same directory where the program exists.</p> <p>Great now it is true. Thanks Stuart.</p>	<p>I had a file in the directory where I keep my programs that was called numbers.txt. You'd have to create a similar file in your corresponding folder. You can create one in jGRASP and save it to that folder.</p> <p>Yes, store numbers.txt in the same folder where you store your programs.</p>
	Is there a way to use multiple files at the same time?	Yes, you can have multiple Scanner objects. They could be accessing different files and you could even have 2 or more Scanner objects reading from the same file.
50:12	Is the .openStream() method in the URL related to functional programming?	I don't think so. I think it's another use of the same term. They use that stream terminology both for the functional constructs and for IO constructs (plumbing model).