People who are continuing in CS would take CSCI 1933 in the future; the structure of this class is highly similar to this class. Below are some topics I recommend looking into. I like videos but feel free to do your own research, there are plenty of resources around all of this.

If see this before starting CSCI1933, looking to get a head start. The biggest thing you can do is start practicing coding in Java. I would recommend taking work from csci133 on recursion and classes, and transfer it from python to Java. this will get you comfortable with the language, which wil already give you a huge advantage.

a) [Intro](#)
b) [Programming Language Java](#)
c) Editor - [IntelliJ IDEA](#) and/or [VSCODE](#) w/ [SSH](#) and/or [VOLE](#)
   - If you are planning a future in CS, I would recommend VSCODE w/ SSH this is the standard at the U, if you set this up you'l be set for all future classes. Vole already has INtelliJ and VSCode download so using that as well is fine.
d) [Fractal Drawing](#)(More of a recursion recap)
e) [Sorting Algorithms](#)
f) [Binary Trees](#)
g) [Linked Link vs Array](#)
h) [Hashtables](#)
i) [Stack and Queues](#)
j) [Big O notation](#)