**Java Collections**

**Summary:** Java Collections are pretty useful for transferring data between classes and over sockets. This is a pretty simply code sample used to demonstrate the different collections and what you can do with each one. Each collection could be used for different purposes; if you want to have things ordered in a specific way, you wouldn’t want to use an ArrayList or a HashMap, because those spit data out how they were put in. You would want to use something like a TreeSet or a TreeMap. I also use iterators in this code as a way to output the contents of lists.

**Code from Internet:** This code is from a group member’s GitHub repository. I studied his code for Java Collections then built upon it in my own code exploration: <https://github.com/Burgener-Miles/CIT-360/blob/master/Collections/Collections.java>

**My Sample Code:** This is a single class that simply goes through a lot of test cases to explore the functionality of Java Collections and see how they work (and how they don’t): <https://github.com/Lundberg-Jonathan/Collections/blob/master/src/collections/Collections.java>

**Sharing Video**: <https://www.youtube.com/watch?v=oluhF27MecQ>