Follow the directions below:

For this assignment, you will create two different programs. Follow the instructions for each below.

* **~~Program 1:~~**~~Write a program that uses an ArrayList filled with a minimum of 10 Strings. Use a ‘for-each’ loop to print the ArrayList collection. Then ask a user which element they would like to see again. Then, attempt printing the element in a try/catch format which will result in the element being displayed. If the element value received is invalid, display a message that an Exception has been thrown displaying “Out of Bounds”. In this program, include the use of Autoboxing/Auto-Unboxing, working with a user String input.~~
* **Program 2:** Write a program to create a new file titled data.file, if the file does not exist. Then write to the new file, adding 10 randomly generated numbers, or append 10 randomly generated numbers to a previous file. Each integer is to be separated by a space. Close the file, then reopen the file and read the data from the file and display it.

**Assignment Requirements and Grading:**

* This assignment is due by **Sunday, 11:59 p.m., CST**.
* Add the necessary documentation as described in [Documentation Requirements](https://cyberactive.bellevue.edu/bbcswebdav/xid-99483471_4) [Click for more options](https://cyberactive.bellevue.edu/webapps/blackboard/content/listContent.jsp?course_id=_534132_1&content_id=_16476579_1&mode=view#contextMenu) .
* Submit your .java file(s) by clicking on the Assignment Link above, then scroll down to the Upload Files section and click on Browse Local Files. Select your assignment file(s), add any links as appropriate, add the URL to your GitHub repository in the comments area, then click on Submit.
* Create (if you haven't already) a directory in CSD-402 named module-9.
* Save your java file(s) to your CSD/CSD-402/module-9 directory. Stage, commit and then push the file(s) to your GitHub repository.
  + Click on the following link for instructions: [GitHub Stage, Commit, and Push.pdf](https://cyberactive.bellevue.edu/bbcswebdav/xid-101703982_4) [Click for more options](https://cyberactive.bellevue.edu/webapps/blackboard/content/listContent.jsp?course_id=_534132_1&content_id=_16476579_1&mode=view#contextMenu)
* To view or print the grading rubric for this assignment, click on the following link: [Programming Rubric](https://content.bellevue.edu/cst/csd/rubricprogrammingv2.pdf).