Follow the directions below:

Write a program with the two following generic methods using a bubble sort: [Module 6 Programming Assignment](https://cyberactive.bellevue.edu/bbcswebdav/xid-99050618_4) [Click for more options](https://cyberactive.bellevue.edu/webapps/blackboard/content/listContent.jsp?course_id=_536383_1&content_id=_16746331_1&mode=reset#contextMenu) . The first method sorts the elements using the Comparable interface, and the second uses the Comparator interface.

[Bubble\_Sort.java](https://cyberactive.bellevue.edu/bbcswebdav/xid-99050617_4) [Click for more options](https://cyberactive.bellevue.edu/webapps/blackboard/content/listContent.jsp?course_id=_536383_1&content_id=_16746331_1&mode=reset#contextMenu)  is a solution zip file for your review. Ensure you write your own code, only using the attached solution as an example, and document your code.

Write test code that ensures your code functions correctly.

**Assignment Requirements and Grading:**

1. This assignment is due by **Sunday, 11:59 p.m., CST.**
2. 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=_536383_1&content_id=_16746331_1&mode=reset#contextMenu) .
3. 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.
4. Create (if you haven't already) a directory in CSD-420 named module-6.
5. Save your java file(s) to your CSD/CSD-420/module-6 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=_536383_1&content_id=_16746331_1&mode=reset#contextMenu)
6. 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)