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Assessment Task (AT 2.3)

Jupiter Mining Corporation

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# Debugging

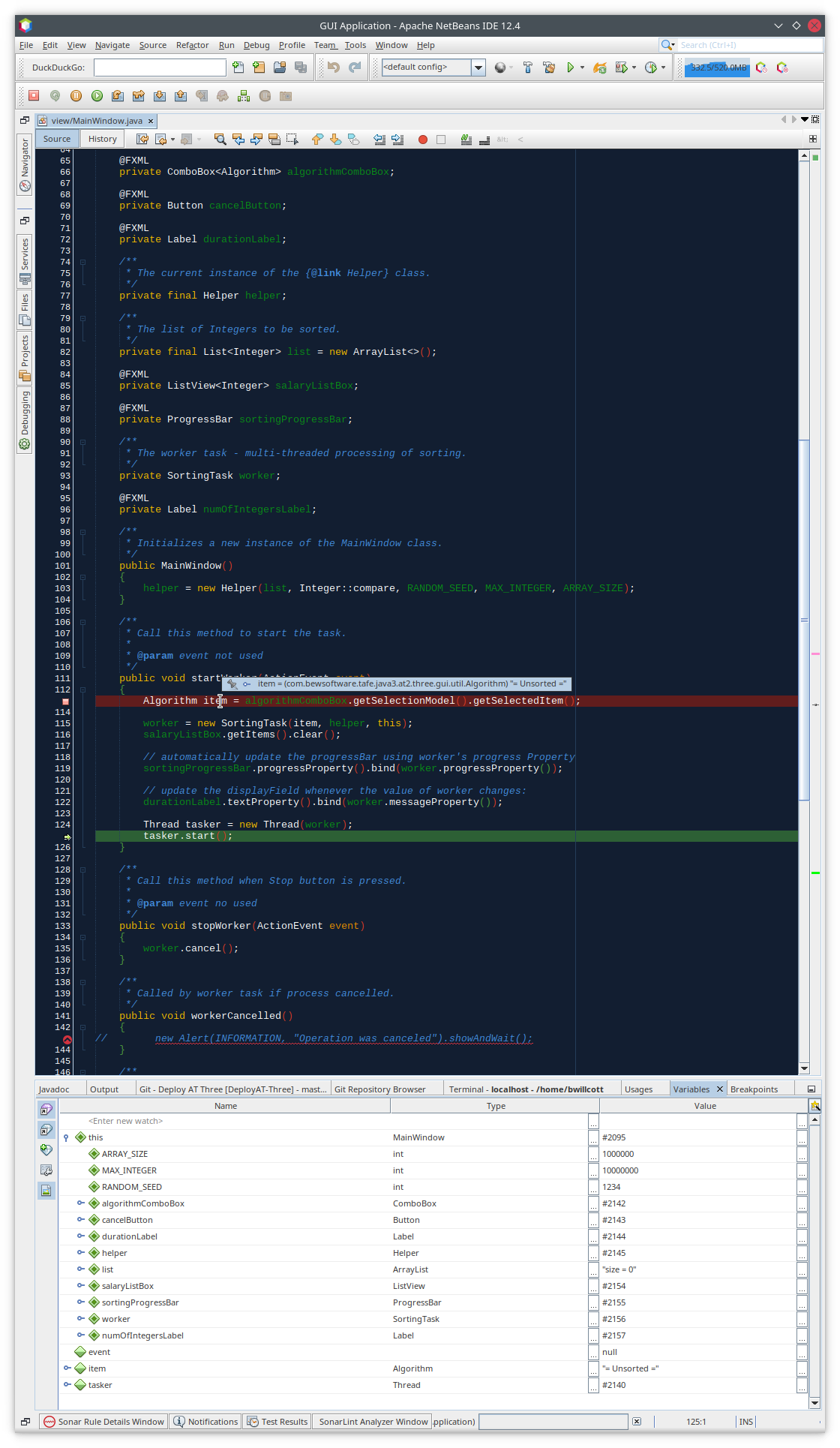


Figure 1 – Showing value of currently selected item

# Testing

Table : Testing results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Case | Description | Expected | Actual | Evidence |
| #1 | Run the console program | Display program output showing the results of the various sort algorithms | As expected | Figure 2 |
| #2 | Run Unit Test on Sorting class | Console output showing test results | As Expected | Figure 3 |
| #3 | Run GUI App | Application displays with Unsorted data | As expected | Figure 4 |
| #4 | Do Heap Sort | Show results | As expected | Figure 5  Figure 6 |
| #5 | Do Quick Sort | Show results | As expected | Figure 7  Figure 8 |
| #6 | Show Help/About | Display dialog | As expected | Figure 9  Figure 10 |
| #7 | Show File/Close | Show menu | As expected | Figure 11 |

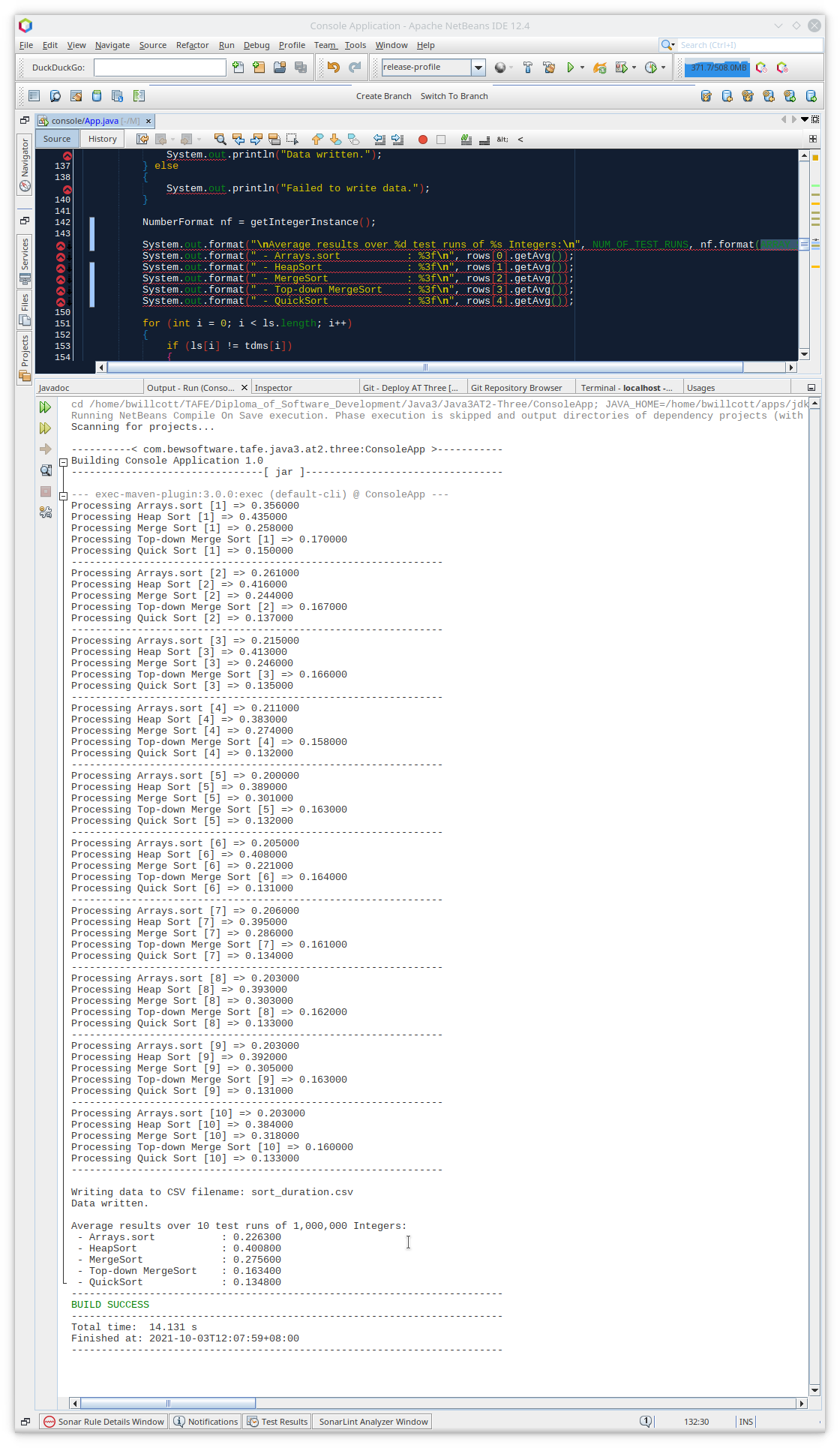


Figure 2 - Console program output

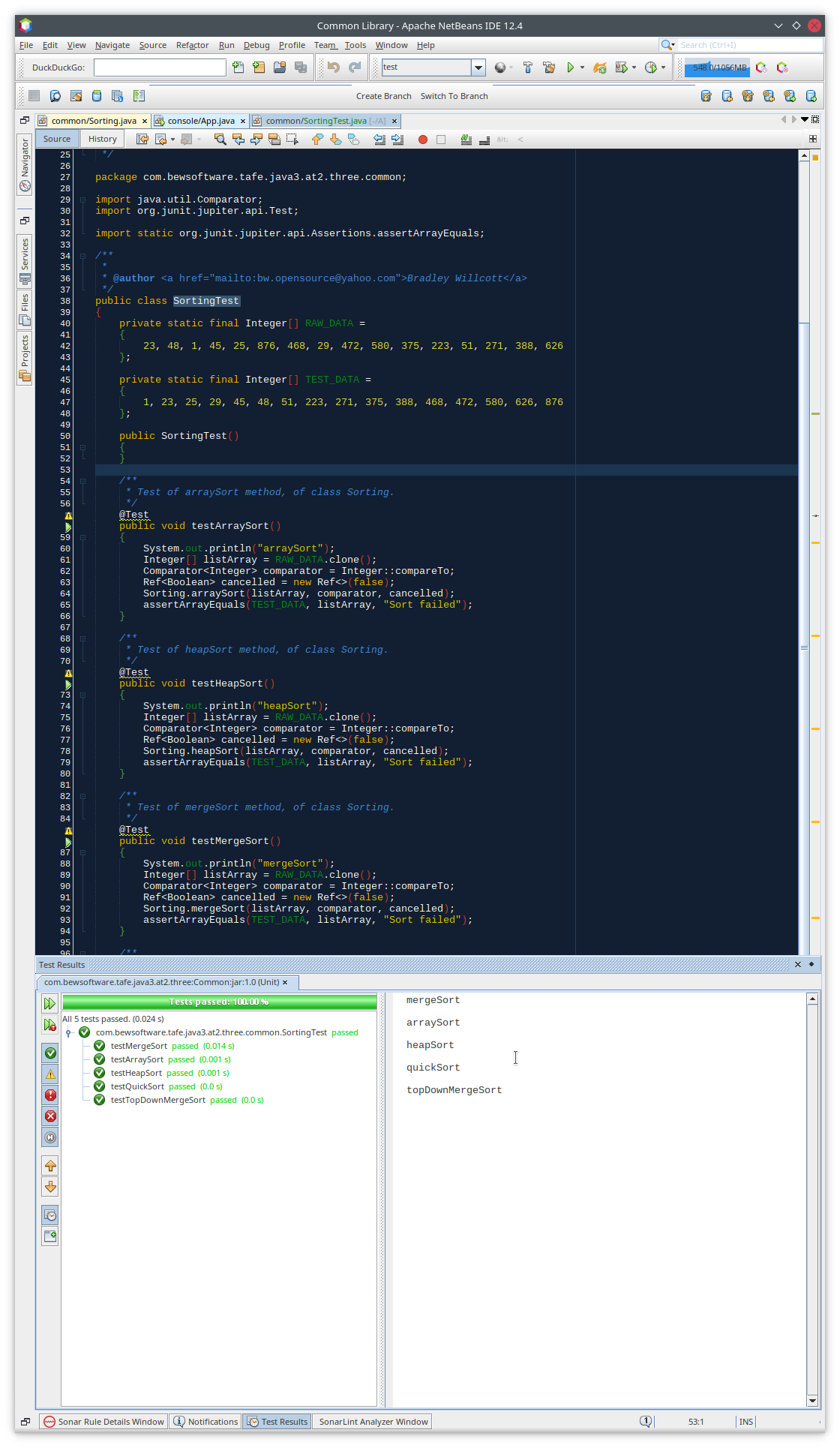


Figure 3 – Unit Test results – Sorting class

Graphical user interface, application

Description automatically generated

Figure - Run GUI App

A screenshot of a computer

Description automatically generated with medium confidence

Figure - Do Heap Sort - A

A screenshot of a computer

Description automatically generated with medium confidence

Figure - Do Heap Sort - B

A screenshot of a computer

Description automatically generated with medium confidence

Figure - Do Quick Sort - A

A screenshot of a computer

Description automatically generated with medium confidence

Figure - Do Quick Sort - B

A screenshot of a computer

Description automatically generated with medium confidence

Figure - Show Help/About - A

Graphical user interface, text, application

Description automatically generated

Figure - Show Help/About - B

A screenshot of a computer

Description automatically generated with medium confidence

Figure - Show File/Close

# References