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Assessment Task (AT 2.2)

Jupiter Mining Corporation

Contents

[Figures 2](#_Toc80270996)

[Debugging 3](#_Toc80270997)

[Testing 5](#_Toc80270998)

[References 13](#_Toc80270999)

Tables

[Table 1: Testing results 5](#_Toc80270967)

# Figures

[Figure 1 – IndexIsDirty property not being updated 3](#_Toc80270978)

[Figure 2 – ‘rtn’ variable not being set when item is added to tree 4](#_Toc80270979)

[Figure 3 - Console Test program output 6](#_Toc80270980)

[Figure 4 - Application started 7](#_Toc80270981)

[Figure 5 - Add first person - A 7](#_Toc80270982)

[Figure 6 - Add first person - B 7](#_Toc80270983)

[Figure 7 - Add second person - A 8](#_Toc80270984)

[Figure 8 - Add second person - B 8](#_Toc80270985)

[Figure 9 - Add third person - A 8](#_Toc80270986)

[Figure 10 - Add third person - B 9](#_Toc80270987)

[Figure 11 - Add last seven names - A 9](#_Toc80270988)

[Figure 12 - Add last seven names - B 9](#_Toc80270989)

[Figure 13 - Search for name not in list - A 10](#_Toc80270990)

[Figure 14 - Search for name not in list - B 10](#_Toc80270991)

[Figure 15 - Search for name in list - A 10](#_Toc80270992)

[Figure 16 - Search for name in list - B 11](#_Toc80270993)

[Figure 17 - Remove a name from the list -A 11](#_Toc80270994)

[Figure 18 - Remove a name from the list - B 11](#_Toc80270995)

# Debugging

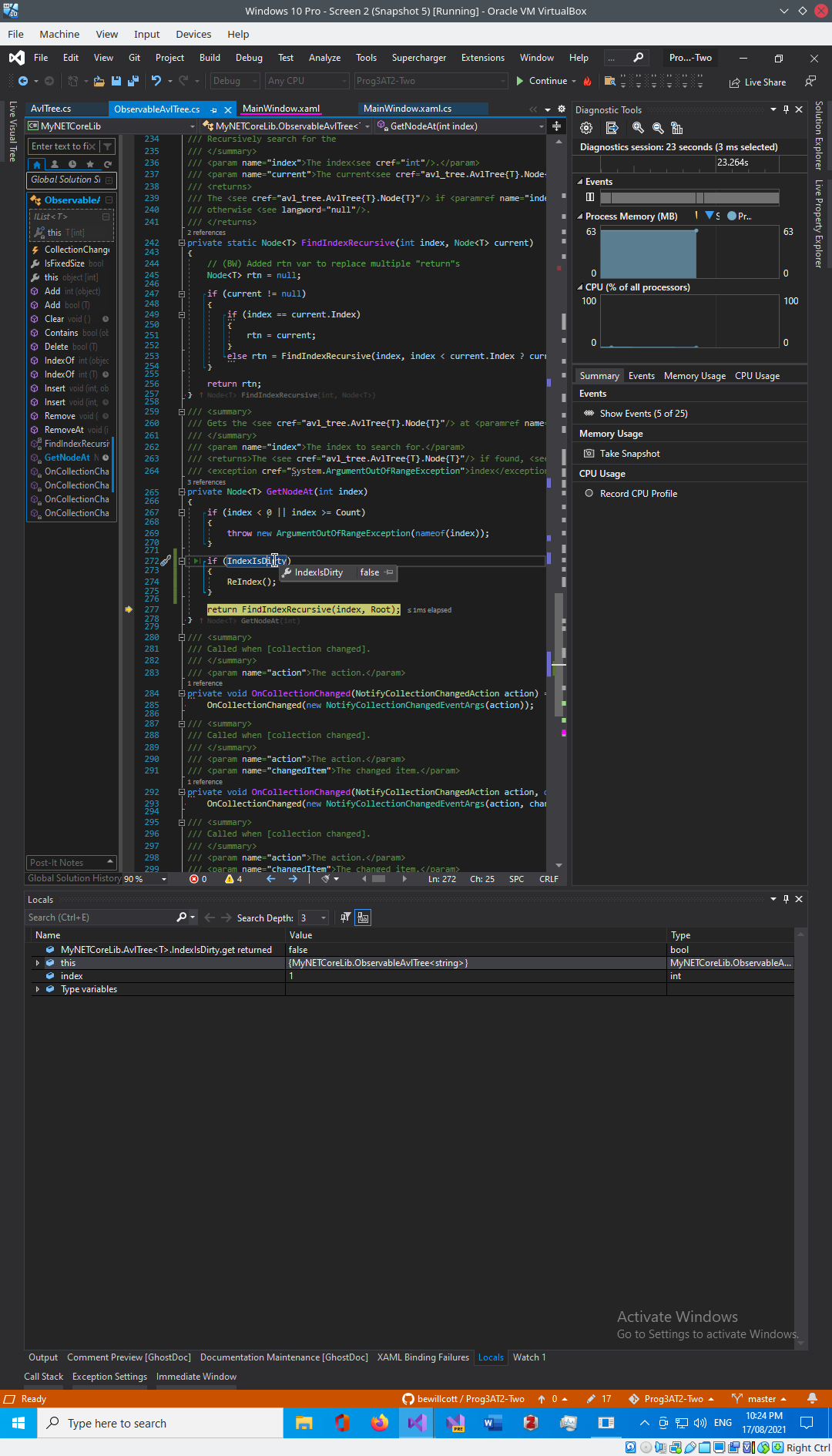


Figure – IndexIsDirty property not being updated

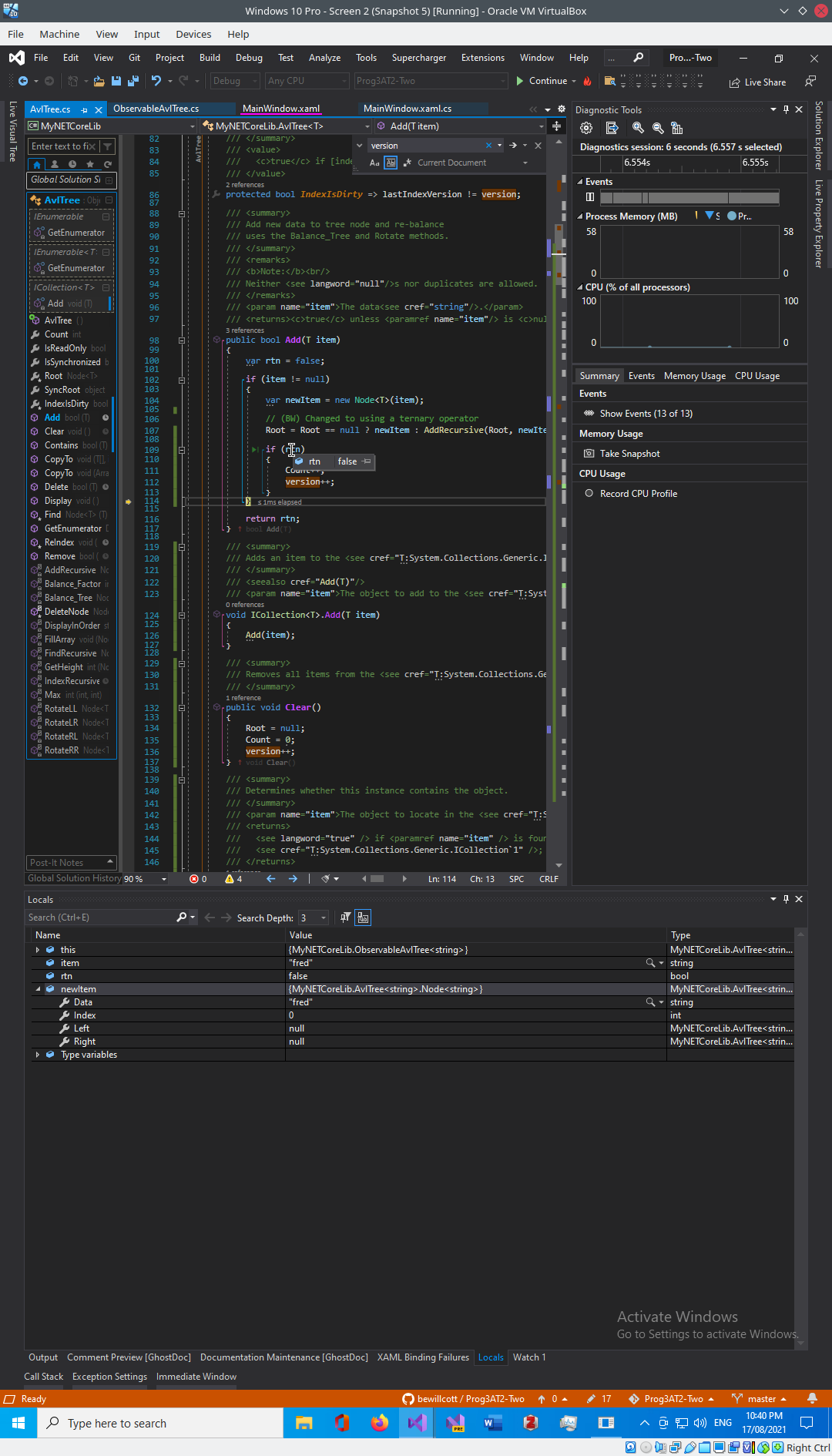


Figure – ‘rtn’ variable not being set when item is added to tree

# Testing

Table 1: Testing results

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Case | Description | Expected | Actual | Evidence |
| #1 | Run the console test version of the program | Display program output showing the results of the various functions being tested | As expected | Figure 3 |
| #2 | Load GUI application | Program running | As Expected | Figure 4 |
| #3 | Add three names to the list | Names will be displayed, sorted, in the ListBox | As expected | Figure 5  Figure 6  Figure 7  Figure 8  Figure 9  Figure 10 |
| #4 | Populate the list with seven more names | Names will be displayed, sorted, in the ListBox | As expected | Figure 11  Figure 12 |
| #5 | Search for a name not in the list | Nothing will be selected in the ListBox | As expected | Figure 13  Figure 14 |
| #6 | Search for a name in the list | The name will be selected in the ListBox | As expected | Figure 15  Figure 16 |
| #7 | Remove a name from the list | Name will be remove from the ListBox | As expected | Figure 17  Figure 18 |

A screenshot of a computer

Description automatically generated with medium confidence

Figure - Console Test program output

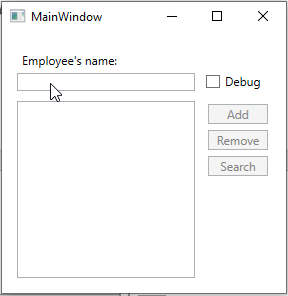


Figure - Application started

Graphical user interface

Description automatically generated

Figure - Add first person - A

Graphical user interface, application

Description automatically generated

Figure - Add first person - B

Graphical user interface, application

Description automatically generated

Figure - Add second person - A

Graphical user interface, application

Description automatically generated

Figure - Add second person - B

Graphical user interface, text, application

Description automatically generated

Figure - Add third person - A

Graphical user interface, text, application

Description automatically generated

Figure - Add third person - B

Graphical user interface, application

Description automatically generated

Figure - Add last seven names - A

Graphical user interface, application

Description automatically generated

Figure - Add last seven names - B

Graphical user interface, application

Description automatically generated

Figure - Search for name not in list - A

Graphical user interface, application

Description automatically generated

Figure - Search for name not in list - B

Graphical user interface, application

Description automatically generated

Figure - Search for name in list - A

Graphical user interface, application

Description automatically generated

Figure - Search for name in list - B

Graphical user interface, application

Description automatically generated

Figure - Remove a name from the list -A

Graphical user interface, application

Description automatically generated

Figure - Remove a name from the list - B

# References