**NETD 2201 Lab #6**

**frmTextEditor**

**mnuFileNew\_click**

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| **Input** | **Expected Output** | **Output** |
| Hello my name is generic name 1 | Opens a new instance of frmTextEditor | Opens a new instance of frmTextEditor |
|  | Opens a new instance of frmTextEditor | Opens a new instance of frmTextEditor |

**mnuFileOpen\_click**

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| **Input** | **Expected Output** | **Output** |
|  | Opens the file dialog and opens the file the user selects | Opens the file dialog and opens the file the user selects |
| This is an open test | Opens the file dialog and opens the file the user selects | Opens the file dialog and opens the file the user selects |

**mnuFileSave\_click**

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| **Input** | **Expected Output** | **Output** |
| File Name:  Text: This is a save test | Opens the save file dialog | Opens the save file dialog |
| File Name: Test  Original Text: This is a save test 2 | Saves the contents of the file | Saves the contents of the file |
| File Name: Test  Original Text: This is a save test 2  Edited Text: This is not a drill | Saves the contents of the file | Saves the contents of the file |

**mnuFileSaveAs\_click**

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| **Input** | **Expected Output** | **Output** |
| File Name:  Text: This is a save as test | Opens the save file dialog | Opens the save file dialog |
| File Name: Test  Original Text: This is a save as test 2 | Opens the save file dialog | Opens the save file dialog |

**mnuFileClose\_click**

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| **Input** | **Expected Output** | **Output** |
| Text: | Closes the file | Closes the file |
| Original Text: This is a test  Edited Text: This is not a test | Display message box confirming close  If yes close the active mdiChild  If no, do nothing | Display message box confirming close  If yes close the active mdiChild  If no, do nothing |

**mnuFileExit\_click**

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| **Input** | **Expected Output** | **Output** |
|  | Exits the application | Exits the application |

**mnuEditCopy\_click**

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| **Input** | **Expected Output** | **Output** |
| Selected Text: Testing | Copies the text to the clipboard | Copies the text to the clipboard |
| Selected Text: | Does nothing | Does nothing |

**mnuEditCut\_click**

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| **Input** | **Expected Output** | **Output** |
| Selected Text: Testing2 | Copies the text to the clipboard and deletes the selected text | Copies the text to the clipboard and deletes the selected text |
| Selected Text: | Does nothing | Does nothing |

**mnuEditPaste\_click**

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| **Input** | **Expected Output** | **Output** |
| Clipboard Text: Hi | Prints the text to the textbox | Prints the text to the textbox |
| Clipboard Text: | Does nothing | Does nothing |

**mnuHelpAbout\_click**

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| **Input** | **Expected Output** | **Output** |
|  | Opens a message box | Opens a message box |

**frmCarInventory**

**btnCalculate\_click**

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| **Input** | **Expected Output** | **Output** |
| Make:  Model:  Year:2020  Price:  New: Unchecked | Display error message:  “Please select a make for the car.”  “Please enter the model of the car.”  “Price must be a number greater than 0.” | Display error message:  “Please select a make for the car.”  “Please enter the model of the car.”  Price must be a number greater than 0.”” |
| Make: Audi  Model: Q3  Year:2020  Price: sda\*  New: Checked | Display error message:  “Price must be a number greater than 0.” | Display error message:  “Price must be a number greater than 0.” |
| Make: Audi  Model: Q3  Year:2020  Price: -52.30  New: Checked | Display error message:  “Please enter a price greater than or equal to $0.00.” | Display error message:  “Please enter a price greater than or equal to $0.00.” |
| Make: Audi  Model: Q3  Year: 2020  Price: 38900  New: Checked | Display message:  “It worked”  New 2020 Audi Q3 for $38,900.00 | Display message:  “It worked”  New 2020 Audi Q3 for $38,900.00 |
| Make: Ford  Model: F-150  Year: 2015  Price: 15000.39  New: Unchecked | Display message:  “It worked”  Used 2015 Ford F-150 for $15,000.39 | Display message:  “It worked”  Used 2015 Ford F-150 for $15,000.39 |

**btnReset\_click**

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| **Input** | **Expected Output** | **Output** |
| Make: Honda  Model: Civic  Year: 2019  Price: 23000  New: Checked | Clears all input textboxes, sets year numeric up down to maximum value of 2020, unchecks the “New” checkbox, and sets the combo box index to -1 | Clears all input textboxes, sets year numeric up down to maximum value of 2020, unchecks the “New” checkbox, and sets the combo box index to -1 |

**btnExit\_click**

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| --- | --- | --- |
| **Input** | **Expected Output** | **Output** |
| Click | Closes the application | Closes the application |

**frmAverageUnitsShippedByEmployee**

**btnCalculate\_click**

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| **Input** | **Expected Output** | **Output** |
| /s | Message box shows error message “Units must be entered as a whole number” | Message box shows error message “Units must be entered as a whole number” |
| 50.5 | Message box shows error message “Units must be entered as a whole number” | Message box shows error message “Units must be entered as a whole number” |
| -53 | Message box shows error message “Units entered must be between 0 and 5000 inclusive. | Message box shows error message “Units entered must be between 0 and 5000 inclusive. |
| 5001 | Message box shows error message “Units entered must be between 0 and 5000 inclusive. | Message box shows error message “Units entered must be between 0 and 5000 inclusive. |
| \*4 | Message box shows error message “Units must be entered as a whole number” | Message box shows error message “Units must be entered as a whole number” |
| {1,1000,3,4,5,6,7  10,20,30,40,50,60,70  100,200,300,400,500,600,700} | Employee 1 Avg: 146.57  Employee 2 Avg: 40.00  Employee 3 Avg: 400.00  Overall Avg: 195.52  Disables enter button and input textbox | Employee 1 Avg: 146.57  Employee 2 Avg: 40.00  Employee 3 Avg: 400.00  Overall Avg: 195.52  Disables enter button and input textbox |
| 5000 | Input is put in the appropriate display box | Input is put in the appropriate display box |
| 0 | Input is put in the appropriate display box | Input is put in the appropriate display box |

**btnReset\_click**

|  |  |  |
| --- | --- | --- |
| **Input** | **Expected Output** | **Output** |
| {1,1000,3,4,5,6,7  10,20,30,40,50,60,70  100,200,300,400,500,600,700}  Employee 1 Avg: 146.57  Employee 2 Avg: 40.00  Employee 3 Avg: 400.00  Overall Avg: 195.52  Disables enter button and input textbox | Clears all input display boxes, clears all average output labels, enables enter button and input textbox and sets focus back to input textbox | Clears all input display boxes, clears all average output labels, enables enter button and input textbox and sets focus back to input textbox |

**btnExit\_click**

|  |  |  |
| --- | --- | --- |
| **Input** | **Expected Output** | **Output** |
| Click | Closes the application | Closes the application |