Form Testing “Semester Average”

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For each of you event handlers create a copy of the table below to list all of the cases you will need to test.

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| --- | --- | --- | --- | --- |
| Event Handler: | | | | |
| User action | Input | Purpose | Response | |
| Desired | Actual |
| Clicks exit button | Any input | Testing the exit button that closes the program | The program closes once the exit button is pressed | The program closes the form |
| Clicks Enter buttons | Unit Entered:  Validated value | Test to see if the program will further continue with the calculation | The program should display the average semester as well as the corresponding grade letter | It displays the grade average for the semester and the grade letter but it still displays it even when other values are null (need to be fixed) |
| Clicks Reset buttons | Any input | Testing if the reset button clears all the units entered and displayed | To have a clear fresh screen for the next student to be processed | The button resets the form and array but not the processed variables |
| User tabs out from textbox | Letters | the test is supposed to conduct to see if the program will catch non-numerical inputs | the appropriate message should be show in the label result | The appropriate message was shown |
| User tabs out from textbox | Outside the range 0 – 100 | The program should be tested to only accept the limited range requested by the business analyst | An appropriate message should be show indicating the accepted range is only within 0 to 100 | The appropriate message was shows |