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| Test Report | | | | | | | |
| Project Name: Astro Processing | | | Test Type: | | | | |
| Description: Testing different inputs | | | Date: 13/10/2021 | | | | |
| Developer: Rishon | | | Tester: Brody | | | | |
| Test Case # | Test Case Name | Test Steps | | Test Data | Expected Results | Evidence | Pass / Fail |
| 1 | Non-numeric input | Enter characters | | asdfadf | Non-numeric not accepted | Text box doesn’t accept anything except numbers | Pass |
| 2 | Numeric input | Enter numbers | | 12 | Numeric input accepted | Numbers accepted | Pass |
| 3 | Numeric input past two numbers | Enter three numbers | | 123 | Only two numbers accepted | Only two numbers accepted | Pass |
| 4 | Use add, edit, delete and search buttons with empty textbox | Empty textbox | | blank | Error message:  Textbox empty | Status strip displays error message | Pass |
| 5 | Maths buttons display only two decimals (mid-extreme and average) | Click mid-extreme and average | |  | Decimal number with only 2 decimal places | Decimal rounded to two places | Pass |
| 6 | Delete item | Selected item, press delete | | ‘69’ selected | ‘69’ changed to ‘0’ | ‘69’ changed to ‘0’ | Pass |
| 7 | Add item | Write numbers in textbox, press add | | ‘54’ entered | ‘0’ element changed to ‘54’ | ‘0’ element changed to ‘54’ | Pass |
| 8 | Edit item | Select item, change it, press edit | | ‘89’ selected, changed to ‘90’ | ‘89’ changed to ‘90’ | ‘89’ changed to ‘90’ | Pass |
| 9 | Add item when array is full (no zeroes) | Input item, press add | | ‘12’ entered | Error message: Array is full | Error message: Array is full | Pass |
| 10 | Binary search without sorting | Use binary search before bubble sorting | | ‘40’ entered | Unsorted warning message, item not found even though it is in the array | Unsorted warning message, item not found even though it is in the array | Pass |
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