|  |  |  |  |
| --- | --- | --- | --- |
| Test Input | Expected Result | Actual Result | PASS/FAIL |
| 20, 4, 3 | 20 Added to Highest mark, 3 added to lowest mark | 20 Added to Highest mark, 3 added to lowest mark | PASS |
| -1 | Invalid Mark Entered | Invalid Mark Entered | PASS |
| 99999999 | Invalid Mark Entered | Invalid Mark Entered | PASS |

|  |  |  |  |
| --- | --- | --- | --- |
| Action | Expected Result | Actual Result | PASS/FAIL |
| Pressed “Add” With no Grade Input | Invalid Mark Entered | Invalid Mark Entered | PASS |
| Pressed “Show Summary” | Submenu starts with grade info | Submenu starts with grade info | PASS |
| Pressed “Main Page” on summary screen | Program goes back to main menu | Button does not function | FAIL |
| Clicking the “X” on the form window to close the program down after going through show summary | Program Fully Closing on initial program closure | Program runs in the background failing to close on request | FAIL |

# Bug Fixes

Main Page button wasn’t functioning, if you attempted to go back to the main program screen via that button it would stay on the grade summary screen. To fix this I added the following code to add functionality to the button. Following this, the original code was improved to fix another smaller bug that would prevent the program from being stopped upon clicking the “x” on the form screen.

A screen shot of a computer

Description automatically generated

A screen shot of a computer program

Description automatically generated

After implementing this both the Failed Tests above function as intended.

|  |  |  |  |
| --- | --- | --- | --- |
| Action | Expected Result | Actual Result | PASS/FAIL |
| Pressed “Main Page” on summary screen | Program goes back to main menu | Program goes back to main menu | PASS |
| Clicking the “X” on the form window to close the program down after going through show summary | Program Fully Closing on initial program closure | Program Fully Closes upon clicking the button. | PASS |