Assignment 03 – Form Testing

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Event Handler: btnEnter\_Click()** | | | | | |
| **User Action** | **Input** | **Purpose** | **Response** | | |
| **Desired** | **Actual** |
| Press Enter/Click Enter/Tab to Enter and press enter | All/Some empty | Display message box for empty textbox | Error: Message Box, must not be empty | Error: Message Box, must not be empty |
| All/Some not integer | Display message box for invalid entry | Error: Message Box, must be an integer | Error: Message Box, must be an integer |
| All/Some not in range | Display message box for out of range | Error: Message Box, must be in range 0-1000 | Error: Message Box, must be in range 0-1000 |
| All valid, end of employee | Calculate the average for the employee | Calculate the employee average and show in the employee average label (2 decimals) | Calculate the employee average and show in the employee average label (2 decimals) |
| All valid, end of last employee | Calculate total average, and disable input field and enter button | Calculate the employee average and show in the employee average label (2 decimals), and calculate the total average and show in the total average label (2 decimals) Disable input textbox and Calculate | Calculate the employee average and show in the employee average label (2 decimals), and calculate the total average and show in the total average label (2 decimals) Disable input textbox and Calculate |
| **Event Handler: btnReset\_Click()** | | | | | |
| **User Action** | **Input** | **Purpose** | **Response** | | |
| **Desired** | **Actual** |
| Press Esc/Click Reset Button/Tab to Reset button and press enter | Any state | Reset the form to original state | Clear the text of all textboxes and labels with a Fixed3D border, and enable all textboxes as well as the Calculate button | Clear the text of all textboxes and labels with a Fixed3D border, and enable all textboxes as well as the Calculate button |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Event Handler: btnExit\_Click()** | | | | | |
| **User Action** | **Input** | **Purpose** | **Response** | | |
| **Desired** | **Actual** |
| Click Exit Button/Tab to Exit button and press enter/Click the X in the control box | Any state | Close the form | Closes the form | Closes the form |