|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Program Name: | Developer: | | Object: | | Date: |
| Ch4Problem4 | Kenny Coltharp | | Form1 | | April 14, 2015 |
|  | |  | |  | |
| Object | | **Event Tigger** | | **Event Processing** | |
| btnSnow | | Tap or Click | | While the inCount variable is less than 8, a message box is displayed to the user to get the snowfall for that month and is stored in strSnowfall. If strSnowfall can not be converted to a decimal as decSnowfall then the errorMsg sub is ran which displays an error msgBox to the user notifiying them of the error. If the user presses the Cancel button on the msgBox, the application closes. Otherwise, Then another inputBox is displayed for them to correct the error. Once it can be converted to a decimal, decSnowfall is tested to ensure it is in fact a number. If it is not then the errorMsg sub is ran which displays an error msgBox to the user notifiying them of the error. If the user presses the Cancel button on the msgBox, the application closes. Otherwise, Then another inputBox is displayed for them to correct the error. Once it is validated as a number it is tested to ensure it is at least 0 or above. If not then then the errorMsg sub is ran which displays an error msgBox to the user notifiying them of the error. If the user presses the Cancel button on the msgBox, the application closes. Otherwise, Then another inputBox is displayed for them to correct the error. Once it has been validated as 0 or above it is added to the lstSnowfall list box to be displayed to the user and added to decTotal as the running total. Then the counter is incremented once the input is validated and added to lstSnowfall. This continues until the user has entered validated input 8 times. Then the results are put into lblResults as a string and made visible to the user. | |
| btnClear | | Tap or Click | | lblResults is cleared, made invisible, and lstSnowfall list box is cleared | |
| mnuClear | | Tap or Click | | lblResults is cleared, made invisible, and lstSnowfall list box is cleared | |
| btnClose | | Tap or Click | | Closes application | |
| mnuClose | | Tap or Click | | Closes application | |
| frmYearlySnowfall | | On Load | | lblResults is cleared, made invisible, and lstSnowfall list box is cleared | |