Assignment 3
(Due Monday 19 September)

Assignment 3: Modify Assignment 2 to use an Event Structure inside the While Loop. This will eliminate continuous polling of the input controls. There should be three separate event cases: i) the original calculation is run if there is a value change on any of the input controls; ii) stop the While Loop and VI with a control button located in it's own event window; iii) a timeout case if there is no user input after a period of time, eg. several seconds, with a pop-up window telling the user about the timeout. If the Event Structure is implemented correctly, the Wait function is no longer necessary. Monitor the loop counter to verify that each event fires as designed. Unlike Assignment 2, the VI runs until the Stop button is pressed.