**Understanding Event Registration Demonstration Script**

**Multiple Registration – Wrong**

1. Open Event Registration.lvproj.
2. From the Project Explorer, open Multiple Registration – Wrong.vi.
3. Open the block diagram. Refer to the comment on the block diagram to explain the expected functionality of the block diagram.
4. Run the VI.
5. Click the **Stop Processes** button. Notice that not all the processes stopped.
6. Click the Abort button to stop the VI.
7. Close the VI when finished.

**Multiple Registration – Right**

1. From the Project Explorer, open Multiple Registration – Right.vi.
2. Open the block diagram. Refer to the comment on the block diagram to explain the expected functionality of the block diagram.
3. Run the VI.
4. Click the **Stop Processes** button. Notice that all the processes stopped correctly this time.
5. Close the VI when finished.

**Multiple Registration – Unregister**

1. From the Project Explorer, open Multiple Registration – Unregister.vi.
2. Open the block diagram. Refer to the comment on the block diagram to explain the expected functionality of the block diagram.
3. Run the VI.
4. Click the **Generate Event** button a few times. Notice that all three processes handle the user event.
5. Click the **Unregister** button for Process 1.
6. Click the **Generate Event** button a few times. Notice that the unregistered process no longer handles the user event.
7. Click the **Re-register** button for Process 1.
8. Click the **Generate Event** button again. Notice that Process 1 is now re-registered and processing the same event (see Event Number indicator) as the rest of the processes. Process 1 did not process any events that were generated while Process 1 was unregistered.
9. Click the **Stop Processes** button.
10. Close the VI and project when finished.