

## LabVIEW grading sheet 8.0

Student: \_\_\_\_\_

Assignment: \_\_\_\_\_

Grade: \_\_\_\_\_ / \_\_\_\_\_

### General Comments:

<b>Completes Assignment:</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Output is incorrect		Output is imprecise			Output is incomplete
Run mode incorrect (continuous)			Incorrect start-up configuration		
Structure prevents necessary action			Incorrect termination configuration		
Program freezes on error			Data flow/timing incorrect		
Program pauses inappropriately			Data incorrectly reset/cleared		

<b>Clarity of Front Panel:</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Messy		Output precedes input			Redundant output
Unclear labels		Missing label			Inconsistent labels
Text too small		Incorrect units			Control or indicator too small
Input range inappropriate		Digital Input needed			Controls or indicators Blink
Input device appears to be an indicator			Excessive or distracting decorations		
Text or label is confusing		Colors are Distracting			

<b>Clarity of Diagram:</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Wires cross unnecessarily		Wires are hidden			Wires are too long
Wire connections unclear		Device is inappropriate type (float, int, etc.)			
Diagram Uses Icons		Diagram too large			Flow direction inappropriate
SubVI icon is unclear		Missing label			Missing dataflow control

<b>Documentation:</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Missing tip		Missing SubVI description			Description unclear
SubVI outputs unlabeled		Empty error message			Structure has no label

<b>Efficiency:</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Unnecessary structure		Structure incomplete			Uses forbidden elements
Unnecessary repetition		Unnecessary object			Needs subVI
Uses "visible" property when unnecessary				Unnecessary property node	
Uses "value" property inappropriately				Shift register initialized incorrectly	

<b>Clumsiness:</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Panel allows user errors		Treats bad input as a user error			Late
SubVI missing or inappropriately referenced					
Inappropriate mechanical action					Uses "stop" node

<b>Security Errors (Assignment 5)</b>	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>
Multiple logins requested		Bad login prevents retry			Login can be bypassed
Partial access provided before login			Login resets incompletely		
Multiple logoffs required		Can't log off	Can't abort before login		
"Cancel" is interpreted as "incorrect"					