

LabVIEW Grading Sheet/Checklist 25.0

Student: _____

Quiz ## Grade: ____ / ____.

Assignment: **1** **2** **3** **4** **5** **6** **7** **8** **9** **10**

Grade: ____ / ____

General Comments:

Function:

- Output is incorrect / imprecise / incomplete:
- Incorrect start-up configuration / termination configuration:
- Program freezes / pauses inappropriately / Timing incorrect
- SubVI missing / inappropriately referenced
- Hardware is re-initialized while already running

User Clarity:

- Messy / Missing label / Confusing label
- Submitted in “full screen” mode
- Confusing/distracting control / indicator
- Digital display shows inconsistent decimals for different values
- Text / Control / Indicator too small
- Input range inappropriate / bad input step size/ range checking incomplete
- Allows user errors / Text control inappropriately allows multi-line inputs
- Inappropriate mechanical action

Clarity of Diagram:

- Wires cross unnecessarily / wire connections unclear / wires too long
- Flow direction inappropriate / inadequate dataflow control
- Diagram too large
- Inappropriate type (float, int, etc.)
- SubVI icon / terminals unclear
- Shift register not initialized/ has missing label
- Control/Indicator has no name

Documentation:

- Missing tip on front panel
- SubVI description missing / unclear
- SubVI outputs unlabeled
- While / For / Case / Sequence has missing / unclear label

Efficiency:

- Unnecessary structure / object/ has nested whiles
- Has redundant elements or property nodes (usually in each part of a CASE)
- Uses forbidden elements
- Uses value (including history and text.text) / visible / other property node unnecessarily
- Uses a property node when the property menu would be better
- Needs subVI to replace repetitive structure

Security Errors (Assignment 5)

- Login can be bypassed / can cause crash / ignored
- Logoff incomplete
- Login process can't be aborted/ “Cancel” is interpreted as “incorrect”