

## LabVIEW Grading Sheet/Checklist 22.0

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

Quiz ## Grade: \_\_\_\_ / \_\_\_\_.

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

Grade: \_\_\_\_ / 50

### 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”