Lecture 3
LabView

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Confidence in Measurements

https://www.youtube.com/watch?v=wO25_xrijLo
LabView

- VI – Virtual Instrument
  - Computer Controlled Data Acquisition
  - Contains two parts:
    1. Front Panel (GUI)
    2. Block Diagram (graphical programming)
LabView

- Front Panel
  - Right click to get the controls palette
  - Insert items
  - Items can be either:
    - Controls
    - Indicators
LabView

- Front Panel vs. Block Diagram

- Items on the Front Panel have corresponding terminals in the Block Diagram
LabView

- Block Diagram
  - Right click to get the functions palette
  - Insert programming functions
  - Use wires to connect terminals and functions
LabView

Let's Practice!
LabView

- The MyDaq
LabView

- LabView Notes:
  - LabView assignments are individual
  - Watching the NI videos are VERY helpful

- Other Notes:
  - Please don’t submit more than one lab per group