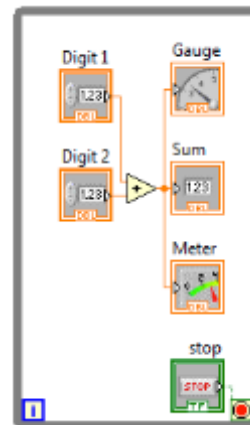
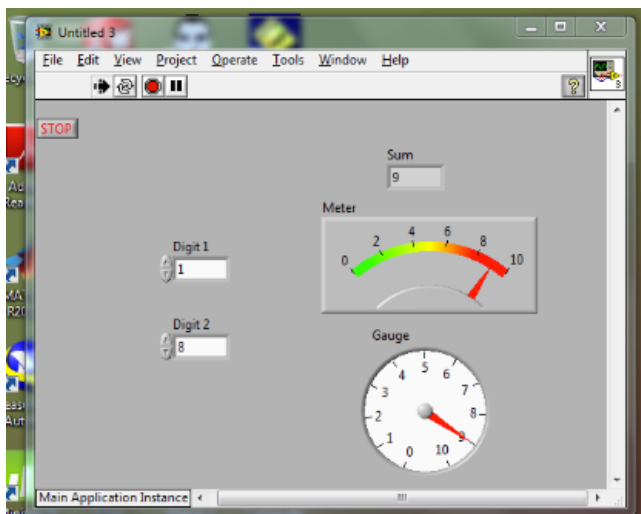


Lecture Notes #1 - 17/January/2012

What we covered in class:

- Talked about syllabus and distributed DAQ.
- Collected signed DAQ student contracts and report student computer number.
- Brief overview of LABView and its different palettes.
- Started example at “Start Screen” -> Find example -> Analysis and Processing Signals -> Signal and noise generation -> Function waveform generation.
- Showed how to do a simple calculator on LABView



- Showed different LABView views (front panel and block diagram panel)
- Showed wiring
- Showed start/stop + continuous execution
- Showed help for each component
- Showed highlighted execution + probes
- Show properties
- Showed step in + step out debugging
- Students were then tasked to replicate their own version of the same calculator

Homework due next class:

- Read pages 1-39
- Turn in a printout of both the front panel and block diagram of a single working LABView program that uses at least the following 4 objects and does something...
 - a) Round LED
 - b) Add function
 - c) Or function
 - d) Random number

For example, as we press a button on the front panel, a LED will turn ON.

