

Name: _____ ID: _____ Date: ____/____/____

Experiment # 1:

Introduction to Lab-VIEW

(CLO 1, PLO 5)

Objectives:

At the end of this lab, students will be able to

- Create a project and simulate in Lab VIEW.
- Use different function and control blocks.
- Implement different math and logic operation in Lab VIEW
- Define the different type of inputs and outputs for function and control blocks.
- Optimize the simulation of design project in Lab VIEW.

Introduction/Tutorial:

Lab view can be learned easily by following the given steps

1. How to access LabView.
 2. How to create a new blank VI.
 3. How to create a front panel with the available controls and indicators.
 4. How to create a block diagram that corresponds to the front panel.
 5. How to use the tools palette and its available functions on the toolbar.
 6. How to practice LabVIEW programs at home.
-
1. Accessing LabVIEW 8.5.
 - 1) Logon on to computer with LabVIEW installed.
 - 2) From the **Start** menu, go to **All Programs/ National Instruments/ LabVIEW 8.5** (or 8.2 in enc24hour2 server). Click **LabVIEW**. (Select **OK** if there is a Security Notice and **Continue** on the **LabVIEW** window).
 2. Creating a new blank VI.

What is a VI?

Measurements And Instrumentation Lab Manual

JR Anderson



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