

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 cnc24hour2 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

Huangqi Zhang



Measurements And Instrumentation Lab Manual:

The Enigmatic Realm of **Measurements And Instrumentation Lab Manual**: Unleashing the Language is Inner Magic

In a fast-paced digital era where connections and knowledge intertwine, the enigmatic realm of language reveals its inherent magic. Its capacity to stir emotions, ignite contemplation, and catalyze profound transformations is nothing lacking extraordinary. Within the captivating pages of **Measurements And Instrumentation Lab Manual** a literary masterpiece penned with a renowned author, readers set about a transformative journey, unlocking the secrets and untapped potential embedded within each word. In this evaluation, we shall explore the book's core themes, assess its distinct writing style, and delve into its lasting impact on the hearts and minds of those that partake in its reading experience.

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