INSTITUTE OF BIO-MEDICAL TECHNOLOGY

LIAQUAT UNIVERSITY OF MEDICAL AND HEALTH SCIENCES, JAMSHORO

Subject: Modeling & Simulation   **Batch: 12BME**   **Year: 3rd Term: 6th**

Lab Handout – 04

Name: _____ Roll No: _____
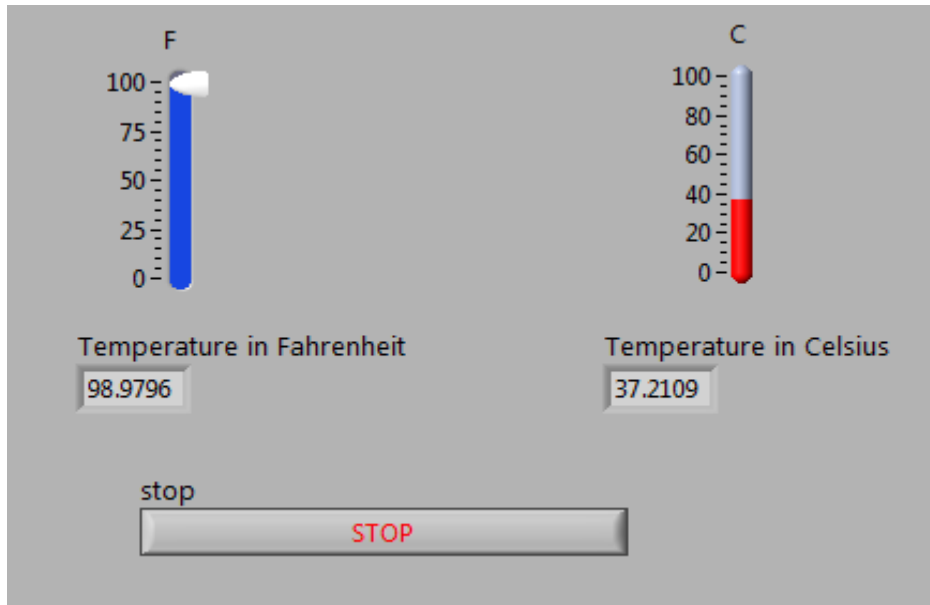
Date: _____ Signature of Tutor: _____ Score:_____

TEMPERATURE SIMULATION IN LAB VIEW

Lab Objectives:
To perform temperature simulation using Labview

Introduction: In this Lab practice the user can convert temperature from Fahrenheit to Celsius. The front panel of temperature conversion is shown in following figure. The user will design its block diagram.

Front Panel:

Lab Task:
1. **Design a block diagram of front panel shown above.**
2. **Design VIs' to convert human body temperature in Celsius to Fahrenheit and Kelvin.**