Comp 331 – Introduction to Hardware

Loading Registers from Switches
Shifting Data in Registers
Scrolling the 7-Segment Display

Example 56: Loading Switch Data into a Register

Example 57: Shifting Data into a Shift Register

Example 57: Shifting Data into a Register

Scrolling the 7-Segment Display

Scrolling Array
Exercises

1. Implement on the BASYS-2 Board Example 56

2. Implement on the BASYS-2 Board Example 58
   Use your own phone number

7-Segment Alphanumeric Display
Twyman Font (with modifications)