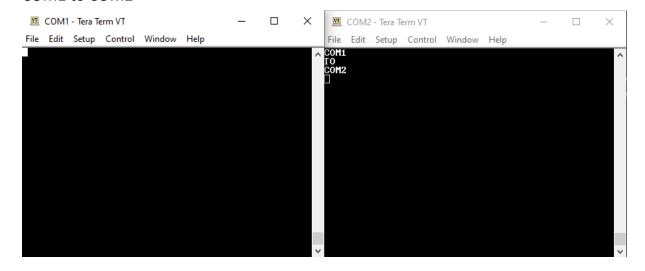
CO326 - Industrial Networks Lab 01 - Serial Port I/O 03/03/2023

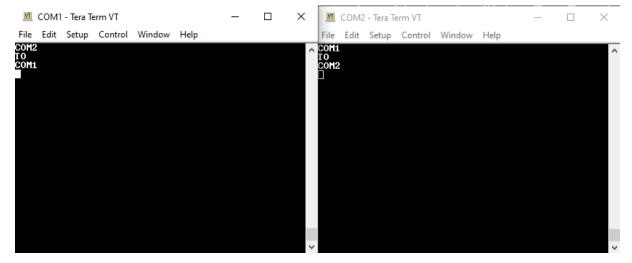
E/18/077 - Dharmarathne N.S., E/18/227 Mudalige D.H.

Part 1

Serial data (text) transfer between two virtual ports with two Tera Term terminals.
 COM1 to COM2

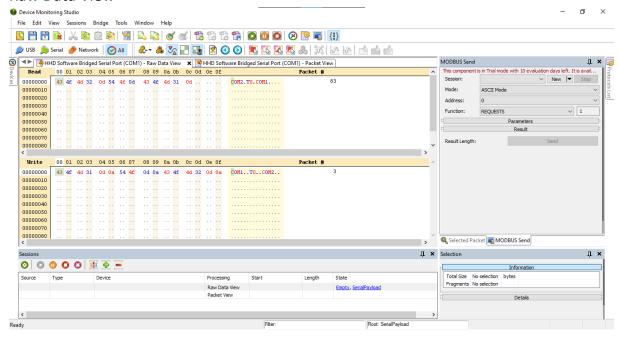


COM2 to COM1

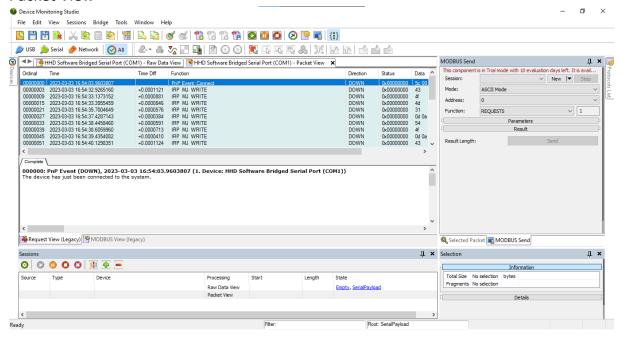


II. Output of the monitoring tool when the above data transferring occurs.



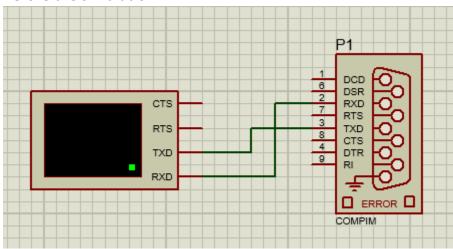


Packet View

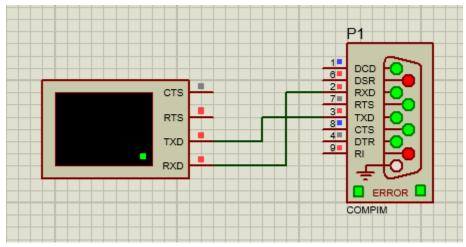


I. The proteus setup

Before the simulation

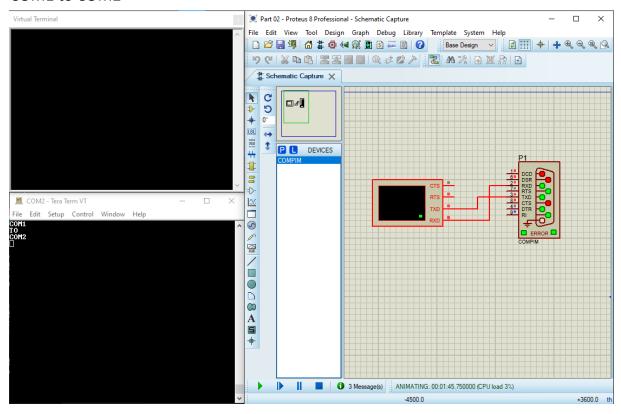


After the simulation

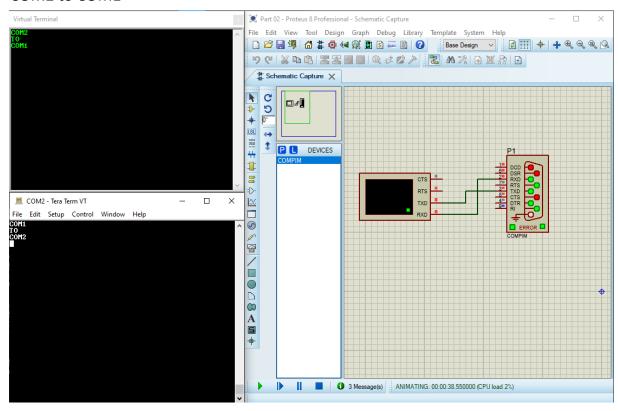


II. Serial data (text) transfer between two virtual ports performed with Tera Term terminal and virtual terminal in Proteus.

COM1 to COM2

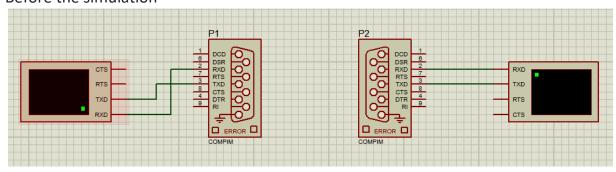


COM2 to COM1

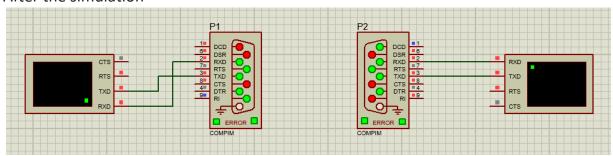


I. The proteus setup

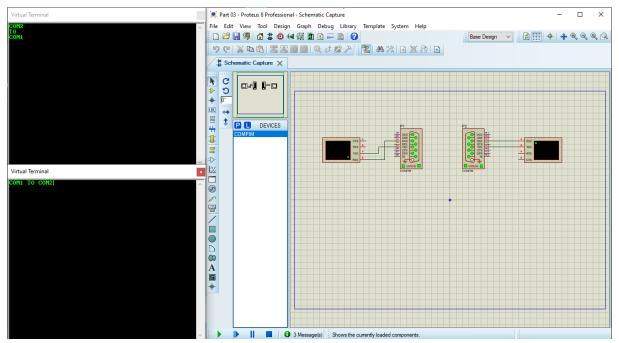
Before the simulation



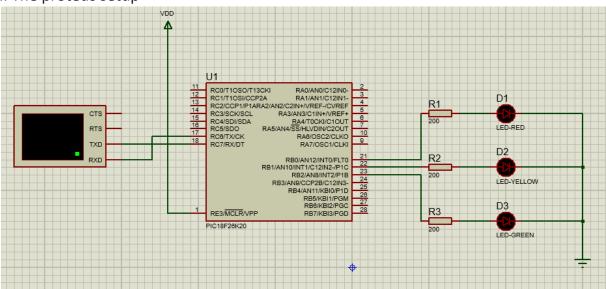
After the simulation



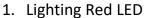
II. Serial data (text) transfer between two virtual ports performed with two virtual terminals in Proteus.

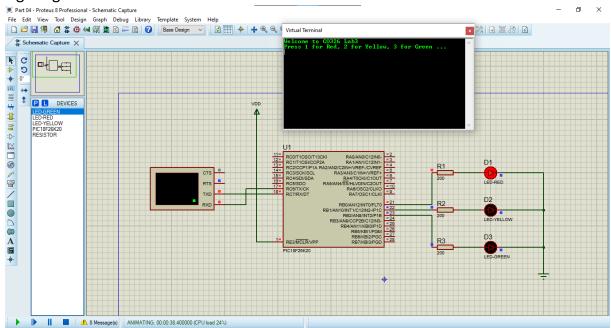


I. The proteus setup

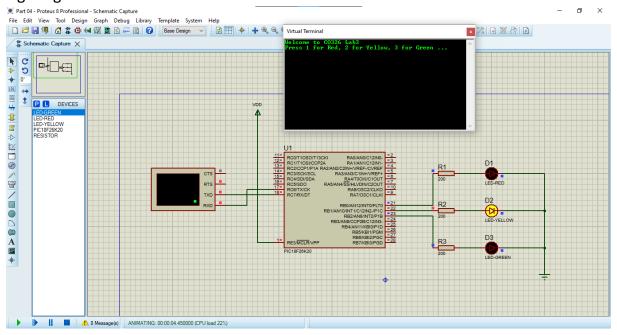


II. The proteus setup all stages LEDs (lighting, not lighting)

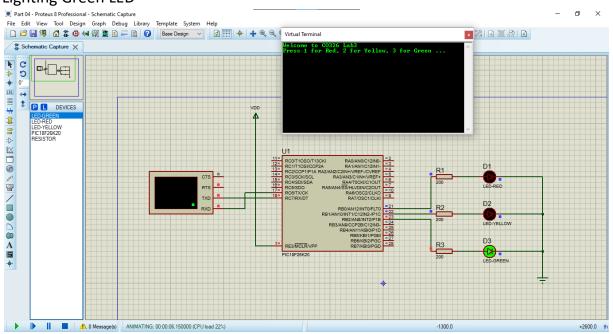




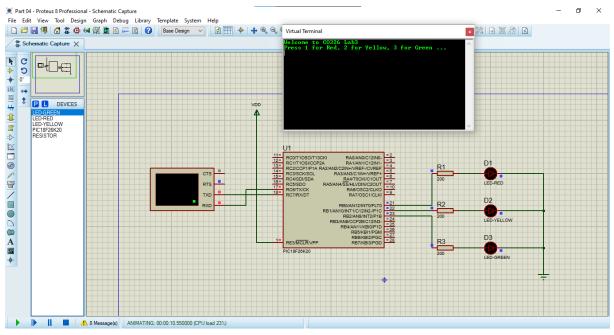
2. Lighting Yellow LED



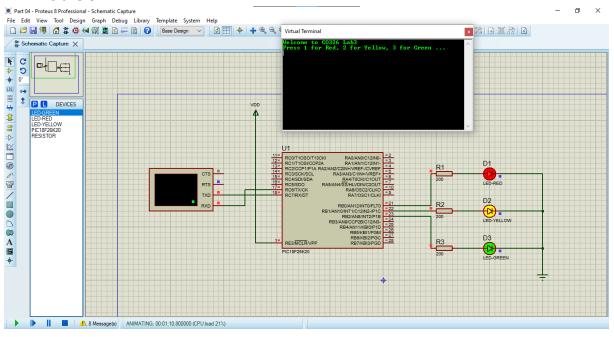
3. Lighting Green LED



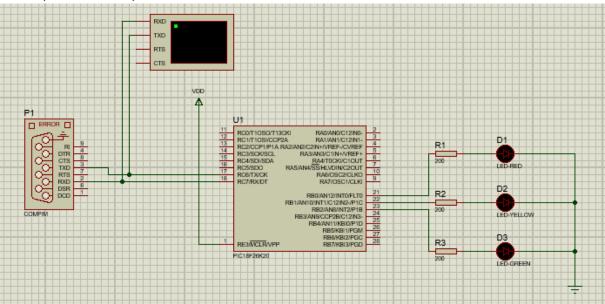
4. All LEDs are off



5. All LEDs are on

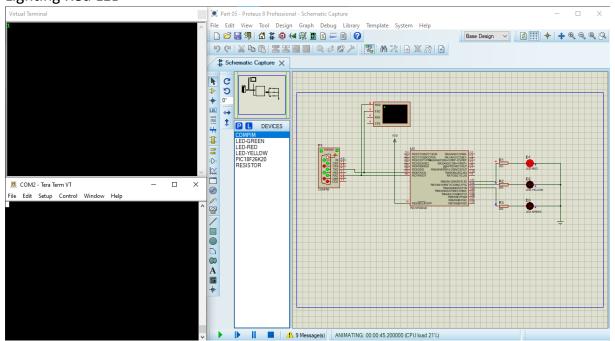


I. The proteus setup

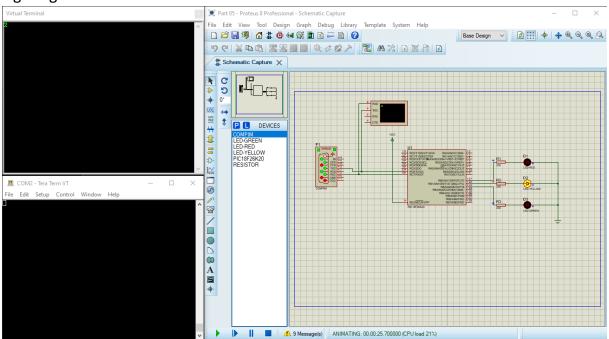


II. Serial data (text) transfer between two virtual ports performed with Tera Term terminal and virtual terminal in Proteus for all stages of LEDs.

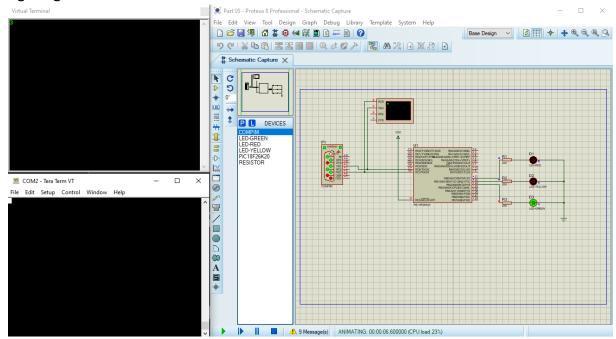
1. Lighting Red LED



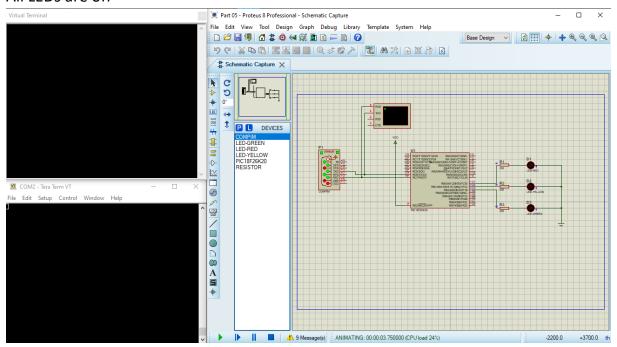
2. Lighting Yellow LED



3. Lighting Green LED



4. All LEDs are off



5. All LEDs are on

