

CO326 - Industrial Networks

Lab 01 - Serial Port I/O

Group Members:

E/18/402

E/18/397

Lab 01A

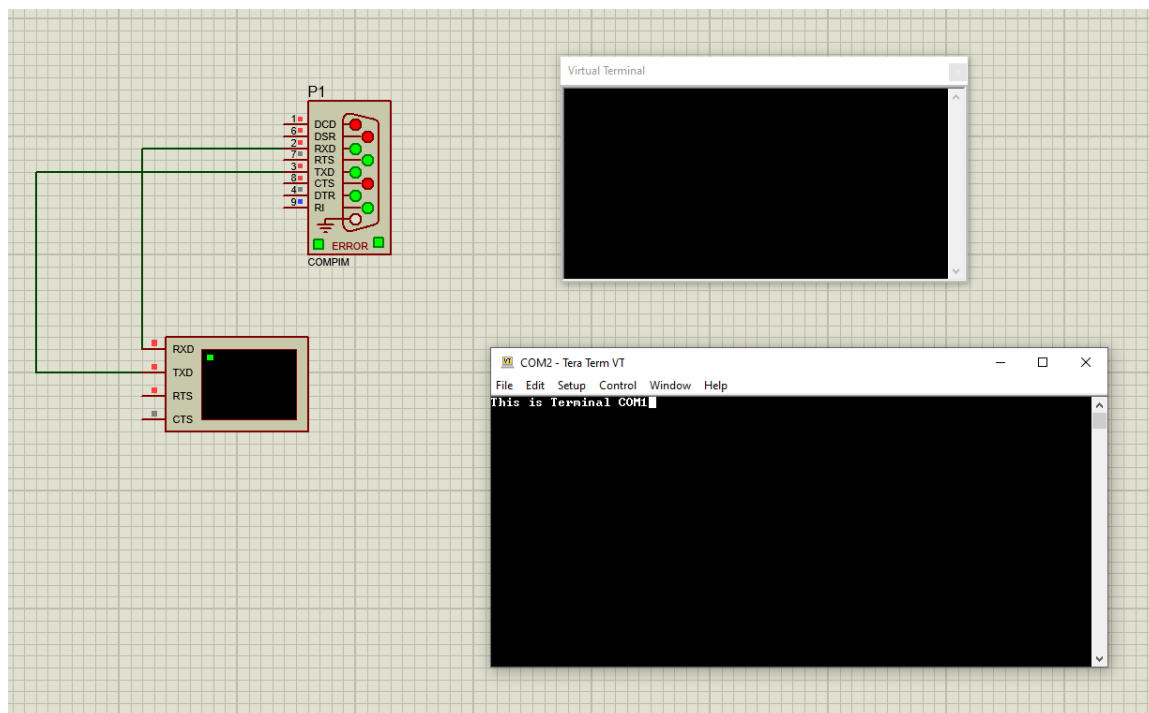
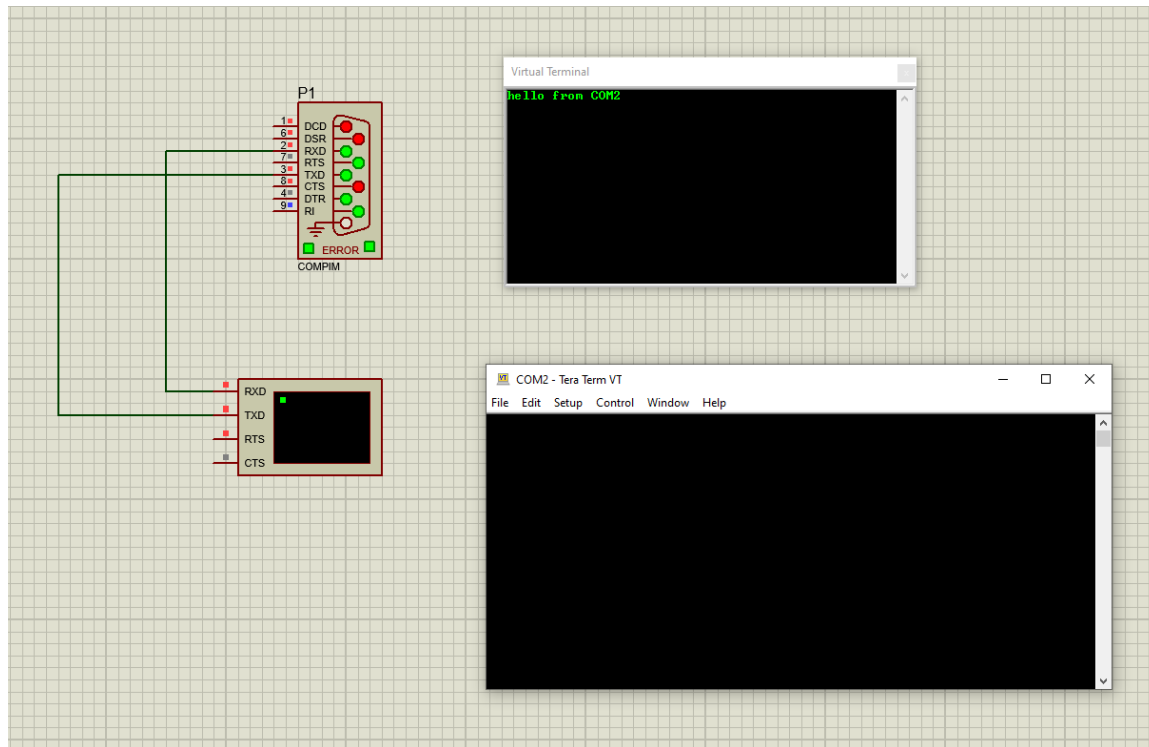
Part 01:

The screenshot displays the Device Monitoring Studio interface, which is used for monitoring and controlling industrial devices. The main window is divided into several panes:

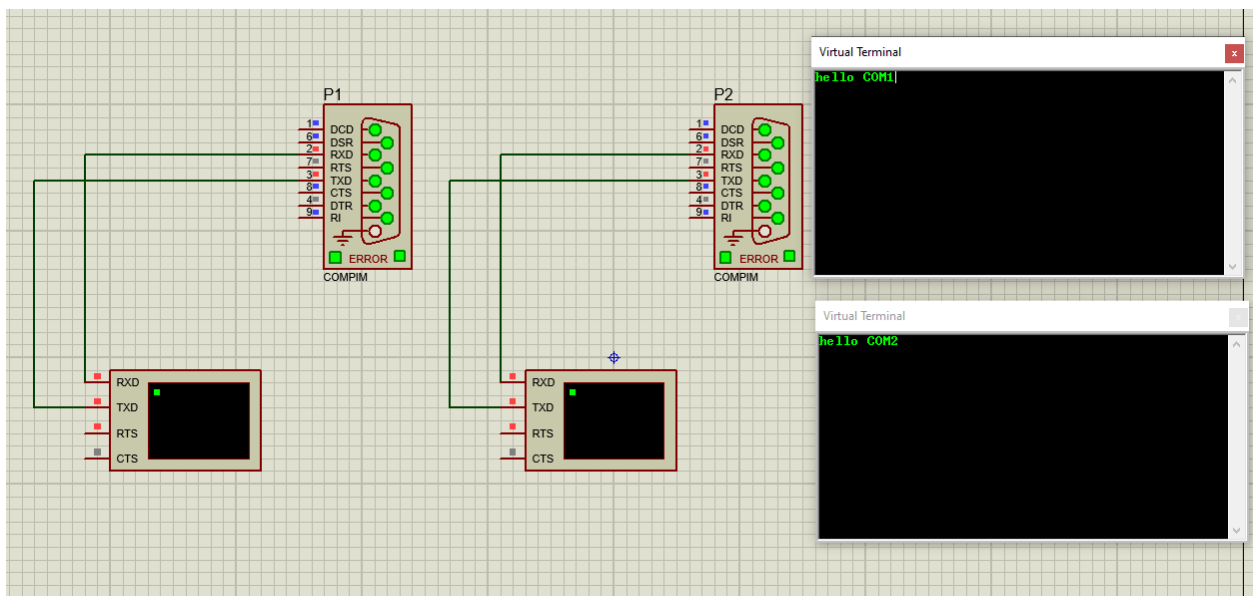
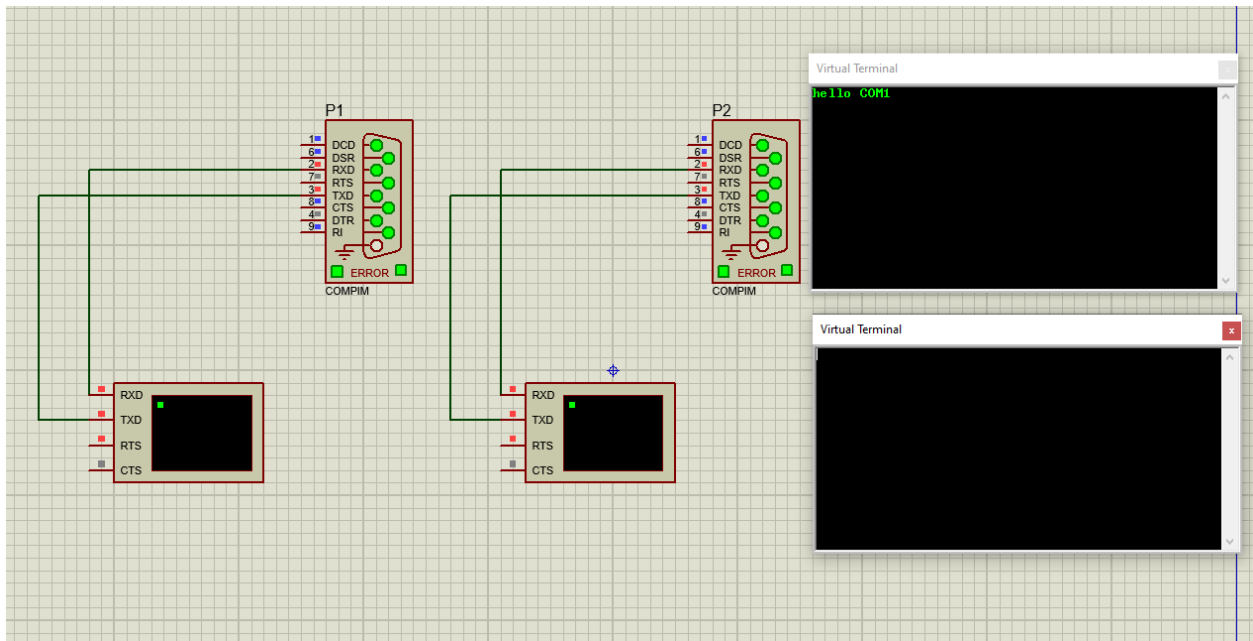
- Raw Data View:** Shows the raw data received from the serial port. The data is displayed in a table with columns for the data byte (00 to 0F) and the packet number. The data shows a sequence of bytes: 54 68 69 73 20 69 73 20 43 4c 44 32 ... This is followed by a packet number of 77.
- Packet View:** Shows the packet structure, including the packet number (77) and the data bytes.
- MODBUS Send:** A window for sending MODBUS commands. It shows a command being sent to COM1, with the text "This is COM2" displayed in the output area.
- COM1 - Tera Term VT:** A terminal window showing the output of the serial port. It displays the text "This is COM2".
- COM2 - Tera Term VT:** A terminal window showing the output of the serial port. It displays the text "This is COM1".

The interface also includes a menu bar (File, Edit, View, Sessions, Bridge, Tools, Window, Help) and a toolbar with various icons for file operations, session management, and data viewing.

Part 02:

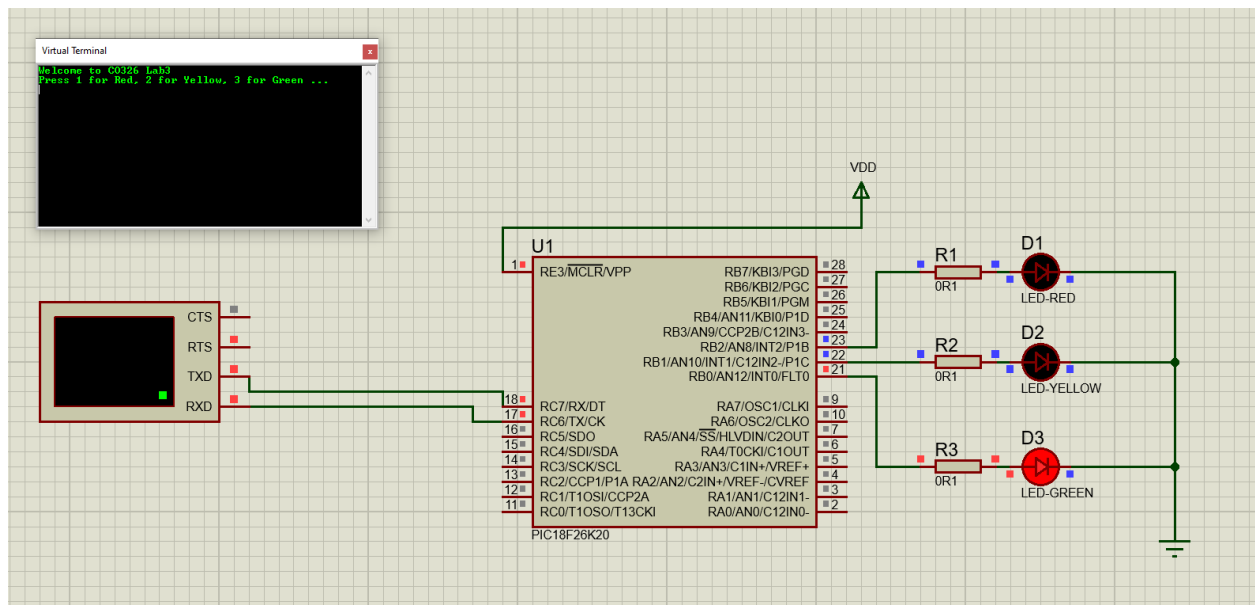
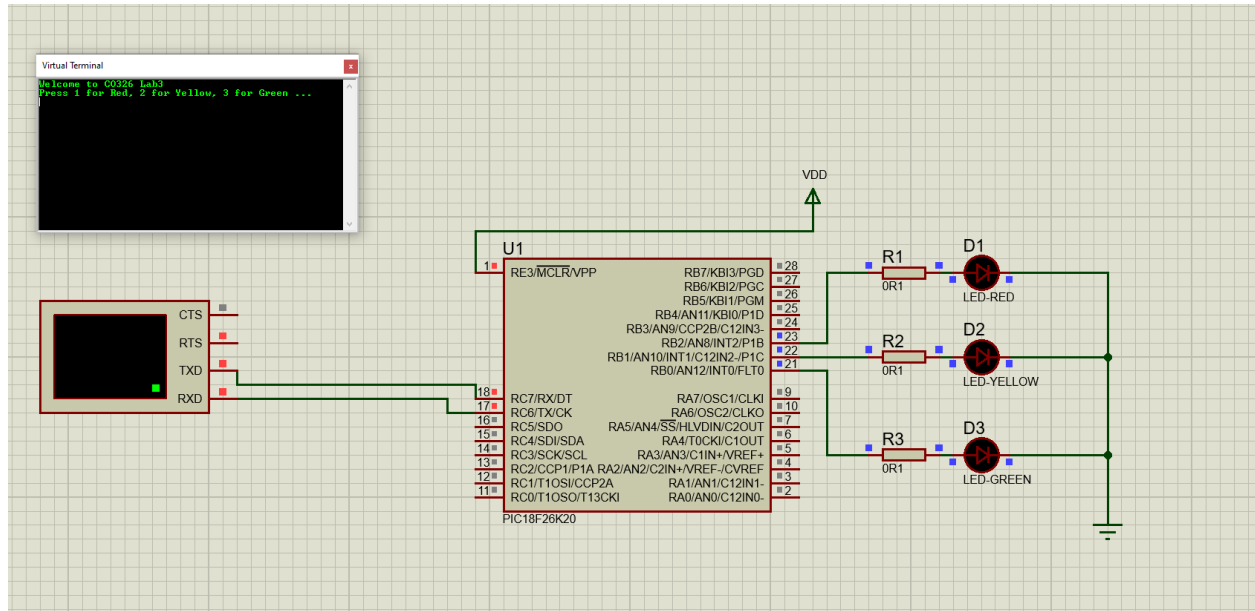


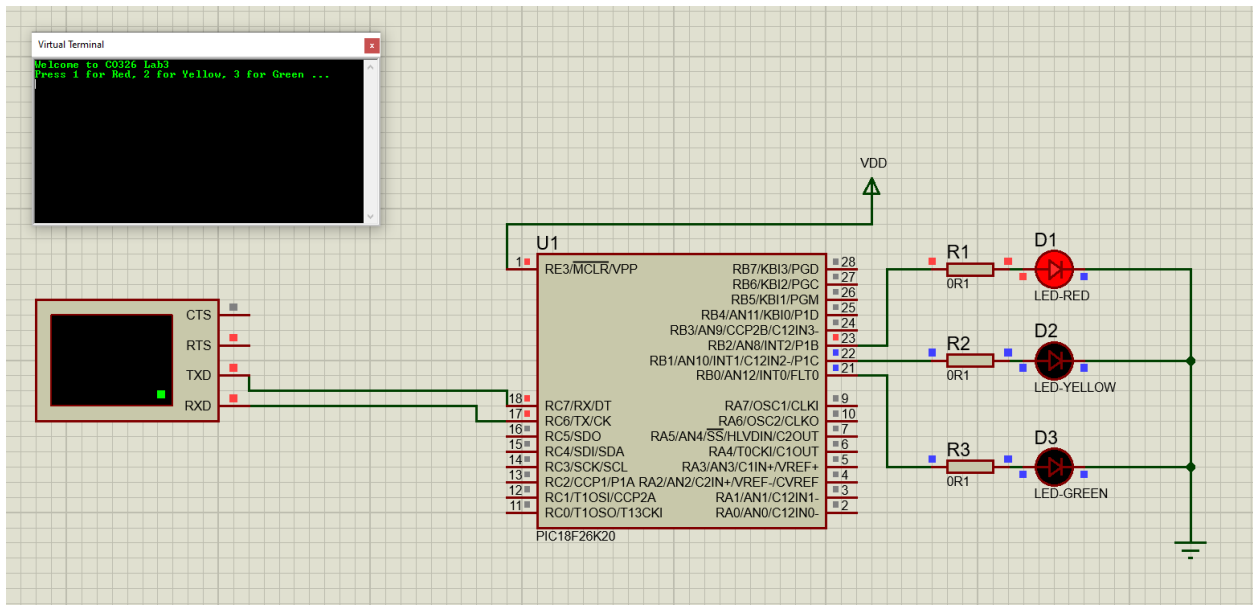
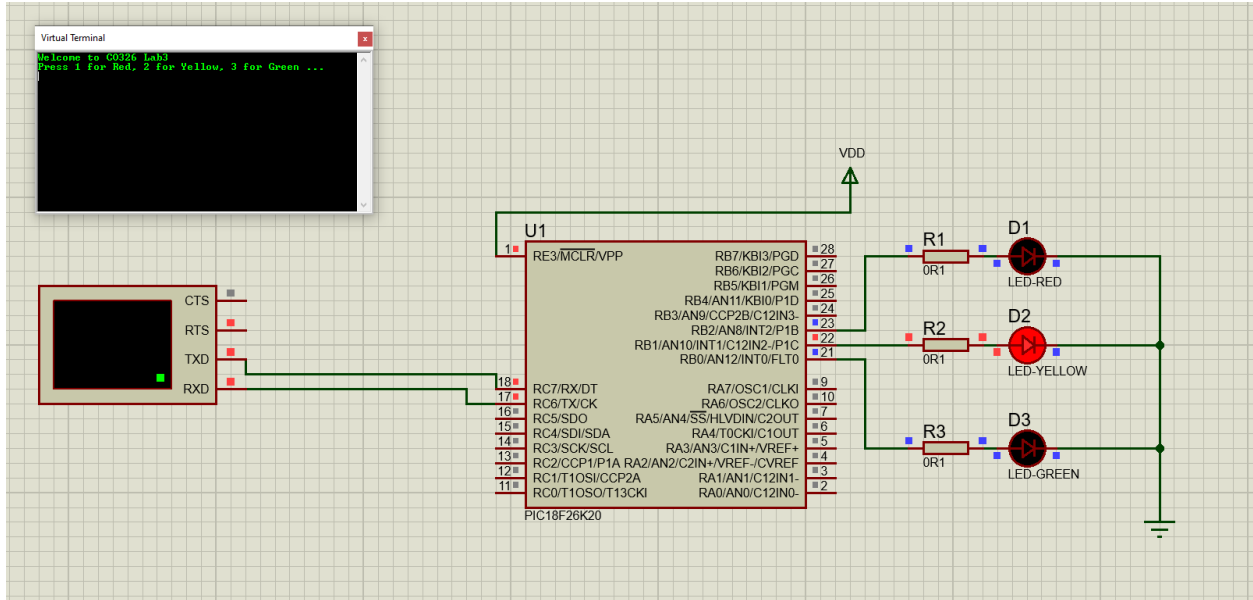
Part 03:



Lab 01B

Part 04:





Part 05:

