

Write C programs using Keil IDE and simulate the output using Proteus Circuit Simulator.

Lab Assignment No. 5

1. Write a program to transmit character “A” continuously on serial line of microcontroller. Receive data serially using hyper terminal (serial terminal) and display.
2. Write a C program for a stopwatch using hyper-terminal and LCD.
 - S command for START the watch.
 - E command for STOP the watch.
 - P command for PAUSE.
 - C command for continue.

Output should display time in Minutes and Seconds on the PC.

3. Connect to microcontroller using null-modem connection and write a program to transfer data serially from one microcontroller and receive the same data in another microcontroller and display on the LCD.