Advanced VB – DLLs and Custom Hardware

Preamble: VB doesn’t have I/O functions like Turbo C’s inportb and outportb. Without such functions, one cannot program hardware interfaced to the PC in VB. One way to overcome VB’s limitation is to use a Dynamically Linked Library (DLL) that serves as backend code.

Lesson Plan:

• Writing a DLL in Visual C++ (back-end code)
• VB (front-end) for controlling 8255-interfaced LEDs and DIP switches
• Hardware: DAC and ADC

Next Week:

• Homework – See Handout