# Web-Based Vending Machine Enhancements

Starting with “RD14 Lesson 3”under IP\_PKG\_12-2013, please make the following changes.

1. Add a “Credit” (or Balance) indication to the “Lights” web page to display the current credit and allow the credit amount to be changed using the “GET” method. The new credit amount displayed on the web page should match the amount on the LCD.
2. Add a “stock” indication to the “Products” page that indicates the quantity of each item and allows the machine to be “restocked” using the “POST” method.

Instructions on how to operate the Vending Machine from the buttons are available in VendingMachine.txt file.

Note: After you have modified the “template” web pages you will need to recompile them into an “image” file using MPFS2.jar (and Java!) under Microchip/TCPIP Stack/Utilities. This will produce an MPFSImg2.c file. Note: You will need to use the AdoptOpenJDK JRE to run the jar file. It should already be available in the lab but if not, go to the “Software Center” under “Microsoft System Center” under the Start menu.