

Programming Assignment

September 30, 2016

Write a C program for the 3Pi that toggles the green LED when the left pushbutton is pressed, the red LED when the rightmost pushbutton is pressed, and turns off both LEDs when the middle pushbutton is pressed. Any other combinations of buttons is a don't care.

Your program will be graded on functionality, not on style. Use only `main()` and no other functions. The *makefile* posted on Blackboard shows how to convert your program to a *.hex* format file and program it to the 3Pi using the *avrdude* command.