
Proj_1C and Proj_1C1 Pin_Change_Interrupt

PROGRAM 3 A REACTION TIME TESTER

MORE ON THE LOGIC

The - $^-$ symbol know as Exclusive-OR is similar to OR except that $1^1 = 0$ where as 1|1 = 1 For example $10101010 ^ 11110000 = 01011010$

Variable mask starts of as 11111111111111 Assume that sw3 is pressed when PORT_1 is 000000000000100

After pressing sw3 several times assume that the mask is 111111111111000011 and therefore \sim mask is 000000000111100

i.e. the lower half of the display remembers the leds that have been shot down Note however that the lower leds flicker when their upper companion is passed by