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Guessing Game

Instructions to use-

1.Keep all the slider switches low and turn the board on. Board displays PL 1.

2.Give an input (each digit of the 4 digit hexadecimal number) through slider switches (0 to 3) and latch each of the digits to different seven segment displays as follows-

btnR→D0, btnD→D1, btnU→D2, btnL→D3
D3D3D1D0 being the four digit hexadecimal number.

3.Click btnC to submit the PL1 number. Board displays PL2 now.

4.Bring all slider switches to low again. Repeat the step 2 and submit guess for PL2 using btnC like before.

5.If the guess is lower than the actual number set by player 1, board displays 2 LO, if greater, it displays 2 HI, if the guess is correct, a decimal equivalent of number of guesses will be displayed while the LEDs blink.