Initial total sum of numbers on blackboard:

$$1+2+3+\cdots+2015 = \frac{(1+2015)(2015)}{2}$$

$$= (1008)(2015),$$

an even number.

Changing numbers a and b to $a-b$ either increases or decreases total sum by $a+b-(a-b) = 2b$, an even number. Since even $\pm$ even = even, Danny can never get 1, an odd number, on the board.