Practice Problem 2.15 (solution page 184)

Using only bit-level and logical operations, write a C expression that is equivalent to $\mathbf{x} == \mathbf{y}$. In other words, it will return 1 when \mathbf{x} and \mathbf{y} are equal and 0 otherwise.

! (x & (ny)) Only works for y \$10 (always true if y = no) [(1x & y) Only norts for x = 10 (always true if x = 10)

So need to combine them,

! [$(x \notin (xy))$] ($(x \notin y)$] =! $(x \land y)$ of 1 ! Monzero if x and y differ at any bit