Revision'

How is NS calculated?

$$S_0(n) \cdot v(101)_2 = (010)_2$$

$$= (010)_2$$

$$=(2)_{6}$$

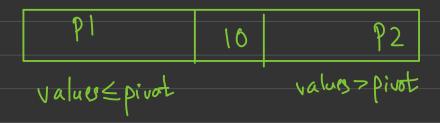
https://www.programiz.com/java-programming/bitwiseoperators#:~:text=Java%20Bitwise%20Complement%20Operator,0%20and%200%2 0to%201.&text=It%20is%20important%20to%20note,%2D%20(N%20%2B%201)

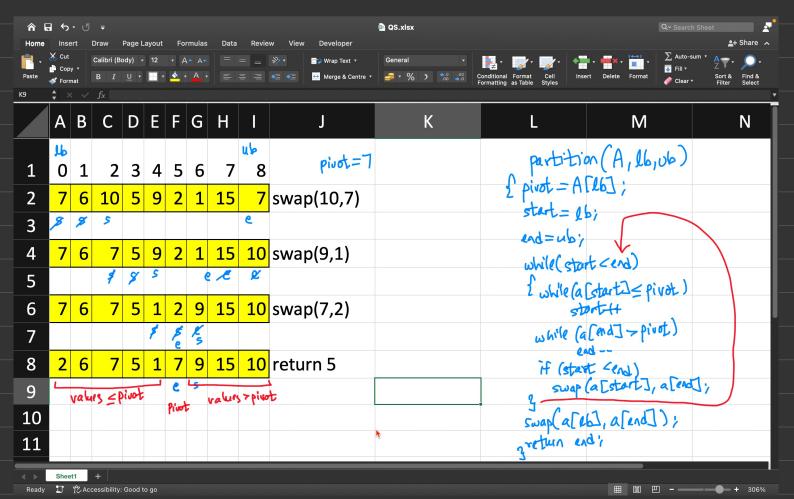
$$N(5) = -6$$

2's
$$C = 1's C + 1 = \frac{1001}{1010}$$

Quick Sort / Partition House Sort.

A 10 15 1 2 9 16 11





quick sort (A, lb, ob)

If (lb < ob)

loc = partition (A, lb, ob);

qoicksort (A, loc-1);

quicksort (A, loc+1, ob);

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