1's domplement 3

- The i's complement is a mathematical operation that makes reversing all the bits in a binary number.
 - -) It is used as a method to represent regative numbers in a system valled signed magnitude notation.
 - The 1's complement of a binory number is obtained by flipping all the Os to Is and all the Is to Os

sample:

1101

1s complement: 0010

) The 1's is shonged to 0 and zero is shonged to 1's.

{2's complement}

- -> It is the most commonly used method in digital computing for hardling regative numbers and simplifying arithmetic operations.
 - > In the z's complement representation. He nost significant bit (MSB). which is the leftmost bit, serves as the sign bit, with a representing a number and i representing a regative num.

For example: 11010101

Thange it to ?: 0010 1010

1's complement

step 2:

001010111 -> 2's complement

Add 1

> The 2's complement supresentation ensures that a unique representation for O. complement.