-5 is Stored as 2’s Complement in the Hardware

int → 32 bit (4 byte)... First Bit is for “Pos OR Neg” and Rest of 31 Bit is for Numbers

INT\_MAX = 2^31-1 (because there is 0 so we have to Minus “1” in it)

INT\_MIN = -2^31

Range of integer: [-2^31 to (2^31-1)]

**the “-1” in the Integer is Because we have “0” is Considered to be Positive. As Such, it is Included in the POSITIVE Side… And as such there is a LESS 1 in the Positive Side, as 0 is in the Positive Side**