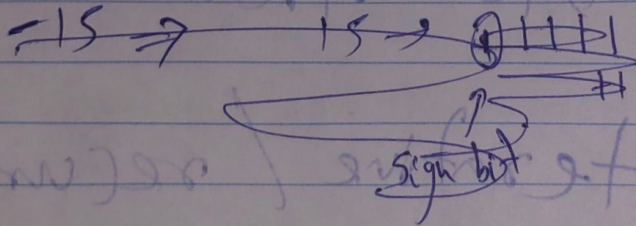


## \* Convert a Number to Hexadecimal

$$26 \rightarrow 11010 \quad \cancel{01010}$$

16 + 8 + 2

1 a

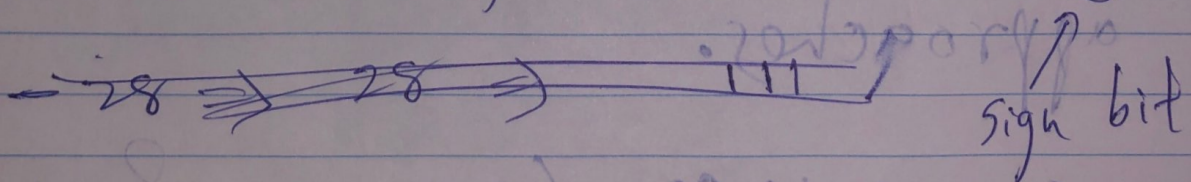


$$-12 \Rightarrow 12 \Rightarrow 01100$$

Inverse 10011

+1

100100



No: \_\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

$$-25 \Rightarrow 25 \Rightarrow 11001$$

$$\text{Complement } 00110$$

+1

$$\boxed{100111}$$

sign bit

$$\begin{array}{r} \text{extract value} \\ 25 \\ \times 10 \\ \hline 250 \end{array}$$

$$\begin{array}{r} 10.00 \\ \times 1.2 \\ \hline 12.00 \end{array}$$

$$\begin{array}{r} 0000 \\ 0000 \\ 0000 \\ 0000 \end{array}$$

$$\begin{array}{r} 000 \\ 000 \\ 000 \end{array}$$

Have to understand that if a number is a negative, already, has stored in computer as using 2's complement. As a number (int) is stored in 32 bits, check for number if it's 0 or not. & keep bit shifting. If 4 bit value > 9 then add to 'a', else add to '0' while using string Builder or string buffer.