## Dsa DAY 12

dufire donsel

$$ans = 1$$
  $c = 3$ 
 $b = 6$ 
 $16$ 
 $ans = a + b \times$ 
 $ans = a \times 10 + b$ 
 $1 \times 10 + 6$ 
 $10 + 1$ 
 $160 + 3$ 
 $163$ 

$$\begin{array}{c}
16 \times 10 + 3 \\
1 \times 10 + 6
\end{array}$$

$$\begin{array}{c}
1 \times 10^{2} + 6 \times 10 + 3 \times 10 \\
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\end{array}$$

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\end{array}$$

ans: 
$$6 \times 10 + 0$$
 $4 \times 10 + 6 = 46$ 
 $2 \times 10^{3} + 6 \times 10^{3} + 4 \times 10^{4} + 4 \times 10$ 

revenu Jans= Enum x 10 + ans ] for normal ans: [ans ×10 + num]

realing condition ans = num x 10' ans = 0 ans= rem x 10"

inf num = (any number) num - 13631 rem : X & L int rem, i, am = 0; mult = X 100 int mult=1; while ( num >0) { ans= 18/ rem = num %.2; num = num /2 // ans= rem x 10 + ans; gans = rem x mult + ans; mult = mult x 10; Cout Lc ans; Made with Goodnotes

 ans: rem x 10' + ans
2

ans: rem x 2' + ans

ans: 
$$0$$

ans:  $1 \times 2^{0} + 0 = 1$ 
 $= 0 \times 2^{1} + 1 = 1$ 
 $= 1 \times 2^{0} + 1 = 1$ 
 $= 1 \times 2$ 

num = 1107 110 ans = 01 mult = 124 inf num = /1101 } bing intans=0, mulf=1, rem; rem:X0 while ( num) 0) { ans= 1×1+0=1 rem = num 1.10; ans = 0x0+ = 1 num = num /10; and 2 and rem x mill + ans; mult= muld x2; I cont com;

80,1,2,3,4,5,6,7}

Binary Decimel W