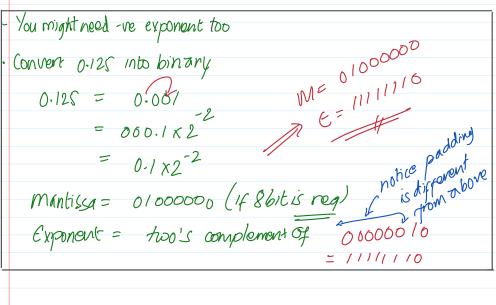
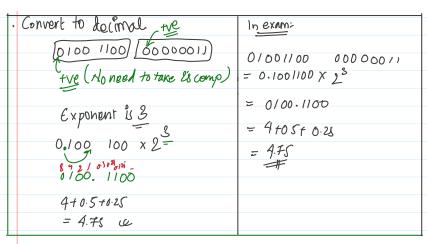
	Convert 4.75 to normalized floating point notation	In exam:
	Use 8 bit for exponent & 8 bit for mantissa.	4.75
	4.75	= 4+0.5+0.25
	16 8 4 2 7 . 05 0.25 0.125	= 100-11
	100.11 ← Convert to binary	= 0.10011 × 23
		So.
	0,100:11	M= 0.100/100
	for the, we need 0.1 x 2 So, 0.10011 x 23 - 0	E = 00000011
	0.1001/ x 2	
	01001100 0000001 0000001	01001100 0000001)
	$M$ $\epsilon$	M
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Į.	Convert -4.75 to binary Uso 8 bit for mantisca 8 10 bit for exponent	In exam
	4.75 = 100.11	A.75 =0/60.1100
	Now, add zeros to make it 8 bits.	So for -ve taking & comp
		= 1011.010D = 1.0110100 X2
	10110011 for -ve are need,	M=[101/0100]
	1.0110100 x 2°	E = [000000001]
	M[10110100] [00000000] [] E	





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Ī	· Convert to decimal	In exam
	10110100 0000011	
		10 110 100 0000011
	(-re) Ctre	
	2	Le comp of Mantissa is
	0.1001/00 X2	01001100
	892105025	80,
	= - 0100.1100	= -01001100 x 2
	= -4.75	= -0100.1100
	7 7 3	= -4.75
		Le

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