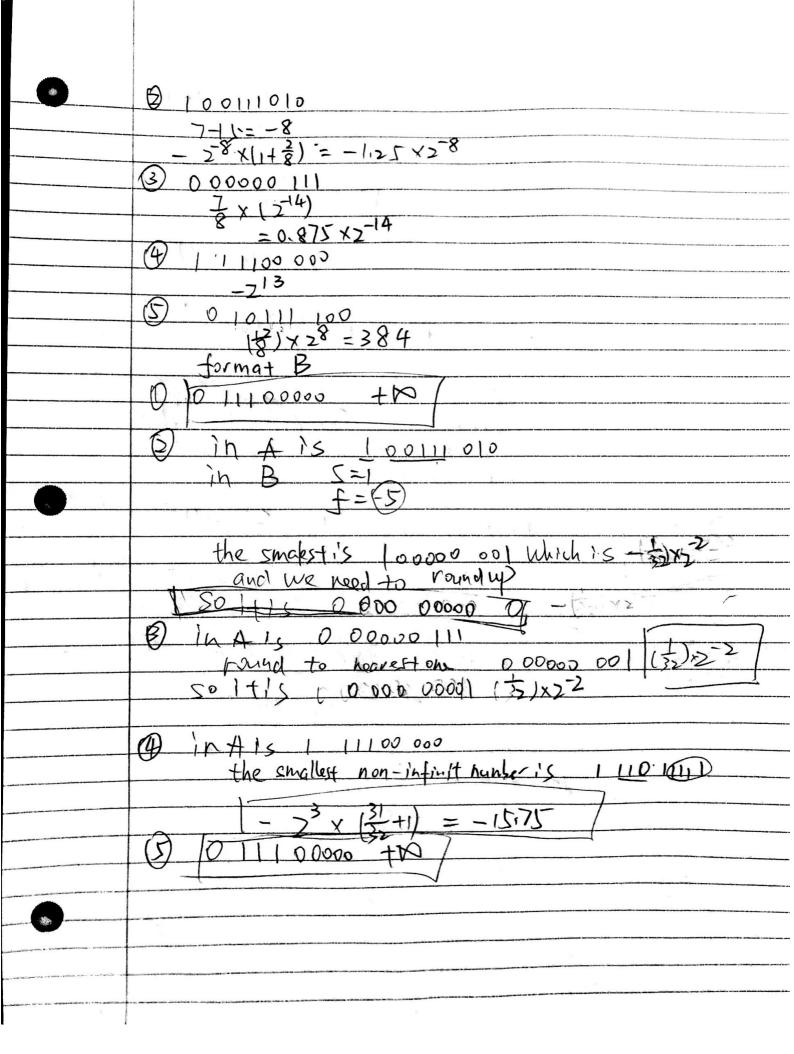
	CSC12021 5188260 X4KunQin 5:45	
	2120210 MI-ML	
	a.(0201),b	
(7)	b. 2000 0000 0000 0011 = 1111 1111 1111	1100
	= 111 111 111	110/
	- (F FED )	
(2)	$(0)91111 - 10^{\circ} + 2x16^{\circ} - 712$	4 7.1
	TEFFD) 11 - 13 x16 + 15x16 + 15x16 + 15x16 = 65522	W . V .
(3)	$ \begin{array}{ll} (FFFD) & 16 = 13 \times 16^{9} + 15 \times 16^{1} + 15 \times 16^{2} + 15 \times 16^{3} = 65533 \\ 0. & min = -2^{15} & max = 2^{15} - 1 \\ b. & min = 0 & max = 2^{16} - 1 \end{array} $	
	b min=0 max = >161	
2,	Λ	1 14
	a, x = C C 1/00 xxxx1/00	
	VX = 0011 X XX Y 0011	
	y = xxx111010xxx	
	X= CZC	
	b X=110000101100	4 T.
	x = 311b	
4	C. 4 = 00 1111010011 = 1979	
	U The state of the	
3.		
	N/a 0 000000	
	n[a - 111111	
	nla 11:10.	4
	nla -17 101111	
	n/a 26 011010	
	nla 20 100110	
	TMax 31 0[1111]	
	TMinor 000-32 100000	
	TMin -32 100000	
_	TMax -31 100001	
	Max +7 Max -2 011111	
	7 01116	

	TMint TMin 0 100000
3 - 20 - 10 - 10 - 10 - 10 - 10 - 10 - 10	TAX:11 + 100000
7.	000000
	TMin +1 -31 100001
	TMin -1 -31 10000 - + 11111
	IDIIIII
	TMax+1 -32 01111
48	+ 00000)
	100000
	TMin+ Max -1 10000-
	, 01111)
	Tillin 7
	TMax 72 -2 011111
	+011111
	1111107
	TMax /2 15 001111
4.	1.G Z.CZB4F5I
5.	int mult Five Eighths (int x)
* /	\\ \int e = x>>3\\ \]
	int re=x&7
	int se = (x7731 & 7)
	return (e+le(x) + (re+(re(x2) + Se.>>3));
	3
6.	format A.
	0 010110011 2
	7-15=-8
	\frac{1}{2} + 1 = \frac{1}{8}
	4-2 = 176
	Δ



•	7. it x>0 x+ x>0 false z16.216 = 232 flow <0 ((x>>1) <<1) == x False 0000  >>1 = 00000
20-3	(U&0)==0 true u<=-1 true
	if x <0 then u>x false max of u is 32-1 may of x i's 232+X So we con not determin which one is biger
	U>=0  If x>y the -xc-y -realse  -y is also TMin-xispxii  So i=no -x f-y
	So is no -x f-y
**	