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ICS 第二革作业
 7. ⑴无符号加法指令:
    RI = 0x 0000 108B , R2 = 8080 108BH
  (2) 带符号 乘法指令:
    RI = 0x 0000 108B
    R2 = - (011 1111 011 1111 1110 1111 0111 0100+1) =-7F7FEF75 H
  (3) 单精度浮点数
    RZ = 1/000 0001 / 000 0000 000 1 0000 1000 1011 b
     符号 阶码 尾数
   RI = +0.002116 x 2 126 H
   R1 = -1.002116 x 2 -126 H
=- (0000 0000 0000 1111 1111 1111 1010)b=-0000 FFFA H
  12) Shorty = DFFC H = 1/01 1/11 1/11 1/00 b
      =-(0010 0000 0000 0011 +1) b =-2004 H
  13) unsigned z = FFFF FFFAH = + (FFFF FFFAH)
15. x = 0x5F = 0101 1111 b ~X = 1010 0000 b | 1x = 0000 0000
  y = 0x A0 = 1010 0000b ~ y = 0101 01111 b ! y = 0000 0000
   x1y = 1111 1111 b = FFH
   x &y = 0000 0000 b = 00 H x 11 y = 1 = 01 H
  ~x | ~y = 11111111 b = FFH x 8.8 ~y = 011+
  x 8 !4 = 0000 0000 = 00H
   x84 = 1 = 01 H | 1000 0404 = 10 00111 \ 100 001 \ 0 = 181111 = = 1 = 1
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23: +1.75 = +1.11 B = 1.11 Bx2°
     $0/0111 1111/110 0000 0000 0000 0000 = 3FE0000H
   +19 = +10011B = 1.0011 Bx 24
     => 0/10000011/001/000 0000 0000 0000 = 4198 0000 H
    -1/8 = -0.125 = -0.001B = -1.0x2-3
     ≥ 1/01111100/000 0000 0000 0000 = BE00 0000 H
     258 = 1000 000 10B = 1.0000001 x 28
     > 0/10000111/000 0001 0000 0000 0000 = 4381 0000 H
 24. 32位补码: 4098=0000 0000 0000 0001 0000 0000 0010
                   = 0000 1002 H
     单档度沿点格式: 4098 = 1.0000 0000 001 x 212
                    = 0/1000/011/000 0000 000/ 0000 0000
                     = 4580 1000 H
    波浪线部为相同,因为着阳来表示,4098的=进制真值。
             -2147483647 = FFFF FFFF H 100 0000
75.
    单精度治点数: -214748364] = -1.11 1111 1111 1111 1111 1111 1111 ×2
            = [/ [00] []0] / []]] | []] | []] | []] | []]
             CEFFFFF H 1 0000 0101 = XV
     = 80000001 H
    32位补码表示精确值,单精度消点数表示近似值。
z8.解: x=-0.125=-0.001B=-1.0×2-3
       ⇒ 1/01111100/000.0000 0000 0000 0000 = BE00 0000 H
     y= 7.5 = 1.111 × 2 = 0/1000 0001/11100---0 = 4000 0000 H
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	î=100=		00 B =	00 b4 H								
	大端机	:										
	地址	100	101	102	103	108	109	110	111	112	113	
	内溶	BE	00	00	00	40	Fo	00	00	00	64	
	小端机:											
	地址	100	101	102	103	108	109	110	(1)	(12	113	
	内谷	00	00	00	BE	00	00	FO	40	64	00	
۹.	X = 0x (	B0 = 1	1011 0000	э Б	真值 ×	=-0101	<u> </u>	-5F H	H = -	95		
					直值 u	I =-0 11	0100 =	=-74 1	H = -	116		
	Y=Ux 8C = 1000 1100 b 真值 y=-0/110/00 =-74 H = -1/6 X+Y=1001] 1100 b 表示两数之和,发生溢出,OF=1,SF=0,CF=0.											
	x+y=-211											
	X-Y=00/00100b 表示两约之差,0F=0,SF=0,CF=0.											
	x-y=21.											
z.	55 * x = (64 - 8-1) * x											
	= 64 * x - 8 * x - x = (x << 6) - (x << 3) - x											-
		= (% <<	6) - (x<	(3) - X	שו	个問果的						
8.	. 单精度: 1×2 <sup>128</sup>											
	双精度 1×2 <sup>256</sup>											
		4										
					-							