	Lab 1 1			Charishma Tochota Oucso	Point Calculations
5 2	IEFE 745 SP	Qx40(80000)	Ox be 4 cccc	0×4123338	Ox84800000
	(0	1	0	1
Sign (+)		+	-	+	-
Exponent 6	its (8-bit binary)	1000001	01111000	10000010	01111011
Cexpressed	nent factor on decimal unbiased	22	2-7	23	24
Significand b	its (23-bit binary,	10010000	0001 10001	0100 0110	0000 0000
no hidden	1)	0000	1000	0110_	0000
	e Downson	l ococoor II	The same	diary las	5
Significand	Expressed as a	101001	1 3 1 3		
4 1	vitu a vadix	1.5625	1.59999	1.27503	1.0
	old be in [10,20]		(81sp)		
		3	1		
A	0×40680000	ondocale	011 = 000	i Langu -	
	winary olo	00000011001	00000000	000000000000000000000000000000000000000	x
	10000001	= 129 - 121=	2 :	22+	
	2100210 = 2	+ 2-4 = .5	625		28
^		- Can	1 1 1 1		3)
B		1,000	2011001100	116011001100	64
					120
	Sign bit = 1 10011001100110	01111000	2-1 -42-5,	2 +2 +2 +2 +2	-18 -17 -20 -21
	10011001100110	1011001100-	1 4 1 12	50000	
2 2 2 2 3 3			2 61	SOLIO GILO OLIO	0011
(0)	binary : Tollooo	0010	0100 0110	O TID O TIDOTIC	
2	$\frac{10000010}{2^{2}+2^{6}+2^{7}+2^{7}}$	30-121=3		15 -10, -22	- 17503
	1 0-2 -6 -1 + 2	10+2"+2	+ 2 + 2	2 +2 17 21 +	21000
	1001 11173	3333		19 009	
	$2^{-4} = x - 121$	= -4 X:	=123		
0	2 = X-121	122-11	NAVAXXI	XX X	
	0 0 = 123.	121- 9	- 0000	0000	
		0 000000	00 0000	300	
	3 d 8	0016	0 0	010	12 13 13 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	300	350 4000	1 0011	0010 00	A DESCRIPTION OF THE PARTY OF T
10/	1010 1010 1	1	1200	HAMMA	

	A B C D E F 10 11 12 13 14 15
	- * / : : - !
1)	A) 0×40866666
	DINAVA: OLOGOGIA
	Sign bit: 0 + 8bit: 10000001
	000011001100110011100111000001 = 129 -127 = 2
	Sign bit: $0 + 8bH: 10000001 = 129 - 127 = 2$ $00001100110011001100110011001100110011$
	(1.2949) x 2/29-127 = 04999
	(-1)°(1.2999) x 2 = 1
	30.000
	Sign bit = 0 & bit : 11 1111 0000000000000000000000000000
	Sign bit= 0 8 bit: 11001101 = 205-127=78
	111111100000000000000000000000000000000
2)	Sign bit = 0 8 bit : 00 0 = 205 - 27 = 78 -17111111000000000000000000000000000000
21	
36	2 11000 1600 = 11001000000
	2 (800 0 .6666 .6666x 2 1.3332)
	2 400 0 · 3322x2 · 6664 0
2 0	2 200 0 .6664 x2 11.3328 1
73	2 100 0
	2 50 0 . 66 56 x 2 1.33 12 11
	2 123 G 33 12 YZ 1.6624 0
	2 [12]
	260 repeat
	2 (3 0 .6666 = 1010101010
	2110
121603	[0]
	50 1600.6666 = 11001000000.10101010
	1.100100000010101010 x 210
	X XXXXXXX XXXX XXXX
	andit amount(8) Fraction (23)
	sgnbit exponent(8) Fraction (23) 1
	1 16001001 100100000010101 0101 0101
3.	26it: 1100 0100 1100 10001 0001 0101 0101 0
H	1ex: 100 014 00 8 1 5 5 5
1	THex: 0xC4(81555)

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12670
 2 13) -1.6 × 10-19
   (-1) sign wit * (It fraction) * 2 Power
    80 1.6 x10-19 = (1+ fraction)
       1.6\times10^{-19} = 1.4757 So your bias= -63
              Traction
   1.6×10-19 = 1.4751 × 2-63 X-127 = -63
   4757 x 2= , 9514 0 | .6592 x 2= 13184 1 1.7552 x 2= 1.5104
                                   X=64 = 01000000
   9514 x2=1.9028 1 3184x2=6368 0 5104x2=1.0208
   .9028x2=1.8056 1. 6368x2=1.2736 1 60208x2=0416
   180516x2=1.6112 1 :2736x 2= 5472 0 .0832x2=.1664-0
   .6612 x 2 = 1.3224 1 .5472x7 = 1.0944 1 .3664 x 2 = .3318
   3324 x 2= 1.6648 0 1.0944 x 2= 1888 0
                                            0
  -6648 x2=13296 1 1.1888 x2= .3176 0 1.6656x2=1.3312
                                 .3828 x 2 = .6656
                                            0
   .3296x2: .6592 0 1.3776x2= .7952 0
  1010 0000 0011 1101 0101 0100 0110 0001 = 0x A03D5461
3) A) 0x44800000 + 0x3600000
  exponent 10001001=137 aponent: 01111110
  137-127=10 126-127=-1
  50 1.00000 x 210 SO 1.0000 x 2-1
  1.00000000001 210
   exx - 127= 10
  exponent: 10001001 significand: 0000
    010001001000 0000 0000 0000 0000 0000
  0x 94801000
```

exponent: 01111000 = 120 exponent: 01111000 120-127=-1 120-127= -7 y + 1.00 1000 1000 1000 1000 1000 1000 x 2-7 10 0011 100110011001 1001 100 00 22-7 =1.00011100110011001100 x 2-6 X-127:-6 pexponent=01111001 significand:0001 1100 X=121 0011110010001110011001100110 0110 0x3C8e6666 3c) 0x42c80000 + 0xc1f80000 exponent: 10000101 exponent: 10000011 131-127:4 133-127-6 1.111100 × 24 1.100100 ×26-1988188 X 26 X: 1100100 X26 - .0111111X20 42111100x24 1.000101x26 =1.000 | 01 x 26 x-127:6 exponent (0000010) significand: 0001 0100 0000 0x42820000

