LAB 6 PRELAB
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Decimal #	Binary #	Sign	Exponent	Fraction	Hex #
1.0	1x2^0	0	1111111	0	0x3F800000
2.0	1x2^1	0	10000000	0	0x40000000
3.5	1.11x2^1	0	10000000	11	0x40600000
0.5039625	1.0000001000000111011x2^-1	0	1111110	1000000111011	0x3F0103B0
65535.6875	1.11111111011x2^15	0	10001110	11111111011	0x477FB000
0.5039625+65535.6875	1.1111111101x2^0	0	10001110	11111111	0x8EFF000

S3 = 0	E3 = 126	F3 = .0000001000000111011	
S4 = 0	E4 = 142	F4 = .11111111011	
shiftamt		-16	
shift smaller mantissa	1.1000000111011E-16		
sum of mantissas	1.1111111101		