	CSC 137 HW2
1.6	What is the biggest FP decimal Number that can be represented in 16 bit Format Using 1 bit sign, 4 bit biased exponent 3 11 bit Fraction, where biss offset = 7
	represented in 16 bit Formet using 1 bit sign, 4 bit
	bigsed exponent 3 11 bit Fraction, where biss offset = 7
	Sigh biased exponent Fraction
	sigh bissed exponent Fraction
	bit 5
	Sign hit = positive biased exponent = 1111 = 18 biase 7 8421
	biased exponent= 1111=15
	bics = 7 : 8421
	exponent= 15-7=8
	exponent=8 move 8 places to the right
	a hilled II
	111111111111 Convert to decimal
	111111111 Used online convener
	(255.875) Willeman Charlier
1.8	What real Number does FP Number with sign = 0; bias exponent = 1, and fraction = 0 represent, bias = 7
	bias exponent = 1, and fraction = 0 represent, bias = 7
	0 0 0 0 1 ,0 0 0 0 0 0 0 0 0 0 0 0
	Signal bissed exponent Fraction
	sign bit=0
	exponent = 1-7 = -6 1.000 000 000 00 x10-6 Negative exponent
	000000 move left
	.000001 Now convert from binary to decimal
	2-12-2-12-4 2-6 = 0.015625

