CS 3010 SZZ Assignment 1

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10 2 = 0.000.001, = 1.0x2 30+127 = 97 La mantissa -30 HZ7 = 97 97, = 0110 000/ -> exponent 64.015625,0 = 1000000,00000012 133,0=100001012 - exponent 6+127=133 64.015625=010000101 0000 0000 0001 0000 0000 -8×2-24 = - (23×2-24)=-22=-0.00.01, =10×10-21 mantissa 106,0=011010102 -> exporant -8×2"= 2" = 1 0110 1010 0000 0000 0000 0000 000 $0.5_{10} = 0.1_2 = 1.0 \times 2^{-1} - |f|21 = 126$ $|26_{10} = 0.111 ||10_{2}|$ exponent 18 42.4242 101010, 0110110610011011002= 0 1000 0100 0101 0110 0100 1101 100 011011001 1101100 76.234567×10 = 1.6/0/01/10/0/0100011/100×2 76.234567×16-15= 0 0/01 0011 0101 0111 0101 0100 144127-83 = 61010011 19 1.4345618 = 1.0110 1111 0011 11111 1010 10 = 00111 1111 0110 1111 voil 1111 1101 011 01 10/11 1/00 1 1/1 1/1 101/0 10 Other)=12) 3.14159265358979323846264338327950684=11.0010010000 1111 11011017

3 2 /1/29= 128= 10000000 -> Exported = 0 10000000 10010000 0001 111 1011 011

