***Nader S. Opeyany***

***Cisp 440 , Assignment 1***

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## Q1: Translate the following Bytes to Decimal and Hexadecimal

1. 00001001
2. 111111111
3. 11101110
4. 01010101

a)   Decimal = 9 Hexadecimal =9

b) Decimal = 511 Hexadecimal = 1FF

c) Decimal = 238 Hexadecimal = EE

d) Decimal: 85 Hexadecimal = 55

## Q2: Translate the following Decimal to Bytes (8-bit sequences)

1. 8
2. 3.15
3. 134
4. -25
5. 226
6. 4
7. 10.185

a) 00001000

b) 11.001001 ----theres more but I rounded to 8 bits

c) 10000110

d)

00011001 ----- 25 in decimal form

11100111----- two’s complement

11100110--one’s complement

e)11100010

f)00000100

g)1010.0010 --- Theres more but I rounded to 8 bits