EEE102 Homework #1

    1- Convert these numbers to appropriate number base:

1110_0000 (signed binary)   ->   …………(-32)…………………….. (decimal)

11100000 (**unsigned** binary)   ->   …………224……………………. (decimal)

11001111 (signed binary)   ->   …………CF……………………. (hexadecimal)

11001111 (unsigned binary)   ->   …………CF……………………. (hexadecimal)

11001111 (unsigned binary)   ->   …………207……………………. (decimal)

FF00 (signed hex)   ->   …1111_1111_0000_0000……………………………. (binary)

FF00 (signed hex)   ->   …………(-256)……………………. (decimal)

-49   ->   ………1100_1111………………………. (signed binary, 8-bits)

+49   ->   ………0011_0001………………………. (signed binary, 8-bits)

    2- Convert these numbers between BCD vs other representations

1100_0011_1111 (BCD)   ->   ………undefined (illegal)………………………. (decimal)

9983 (decimal)   ->   ………1001_1001_1000_0011………………………. (BCD)