Sam Lazrak

CS 330

Homework Assignment 1

1/19/18

Convert these numbers from decimal to unsigned binary representation (e.g., no negative values).

186 010111010

90 001011010

11 000001011

129 010000001

193 011000001

Convert these unsigned binary numbers to decimal.

%0111 0110 118

%1000 1000 136

%0110 0000 96

%0111 0010 114

%1111 1001 249

Convert these binary numbers into hexadecimal representation.

%0110 0110 0110 1110 0100 1101 0110 0000 666E4D60

%0001 1010 0101 0010 1011 0110 0000 1010 1A52B60A

%0010 1010 1000 1011 0101 0010 0111 1001 2A8B5279

%0110 1000 1100 1000 1101 1000 0100 1101 68C8D84D

%0010 1100 1111 1110 1000 1101 0011 0000 2CFE8D30

Convert these hexadecimal numbers into binary.

$68 65 2B 5E 0110 1000 0110 0101 0010 1011 0101 1110

$49 77 7E 59 0100 1001 0111 0111 0111 1110 0101 1001

$01 C2 E5 90 0000 0001 1100 0010 1110 0101 1001 0000

0x7D D6 92 59 0111 1101 1101 0110 1001 0010 0101 1001

0x07 20 8C 5B 0000 0111 0010 0000 1000 1100 0101 1011