

CSC-365 Computer Architecture
Fall 2008

Assignment #1

Due Sept 10, 2008

- 1) Write a small program (can be VB, C++, Excel, whatever you wish to use) to generate signed and unsigned integers. Have it produce an output somewhat like in the notes (see below). Show it works for three (3) different bit combinations. Label least significant as LSB. Turn in source code and outputs.
 - a) Run it for an 8-bit value number.
 - b) Run it for a 10-bit value number.

Weight				Weightings			
bits		Unsigned	answer	bits		Twos Complement	2's comp
1		8	8	0		-8	0
1		4	4	1		4	4
1		2	2	1		2	2
1		1	1	1		1	1
			15				7

Example from notes