CSCI 211 Spring 2009
Quiz 5
Assigned Wednesday, 09-02-04

1. Convert 8_{10} to binary. Represent your result as an 8-bit 2's complement number. Call the result a. **Answer:** 00001000

2. Find the 2's complement of a. Call is $a*$. **Answer:** 11111000

3. Convert 19_{10} to binary. Represent your result as an 8-bit 2's complement number. Call the result b. **Answer:** 00010011

4. Do $b - a$ by summing $a*$ and b.

   Answer: 00001011 (Note: carry is discarded.) Note: This example is on p.20 of your textbook.