

Homework Assignment 2

Binary Addition Practice Problems

Unsigned Binary Addition (perform the addition)

Assume you have a byte (8 bits) of memory to work with. There's no need to track overflow.

1. $101 + 11$
 2. $1101 + 101$
 3. $110 + 111$
 4. $10011 + 110$
 5. $1110 + 10$
 6. $101101 + 1001$
 7. $101 + 10101$
 8. $111111 + 1$
 9. $1000 + 111$
 10. $11001 + 1010$
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Two's Complement on Signed Binary numbers

1. 0011
2. 01101
3. 1101
4. 1110
5. 1001
6. 011111
7. 1011
8. 0100
9. 111111
10. 0001001