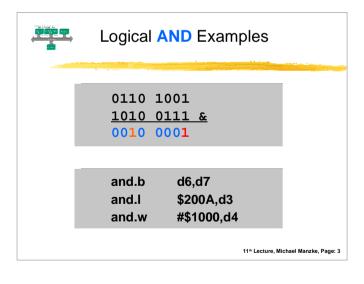


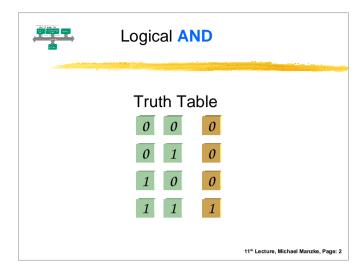
Logical Operations

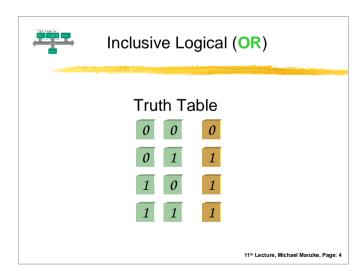
 Logical operations perform operations on the bits themselves rather than the values the bits represent:

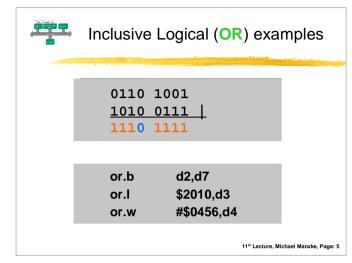
AND OR EOR NOT

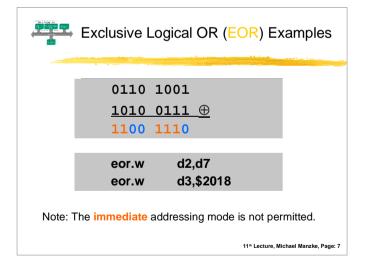
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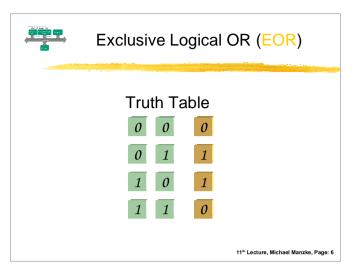


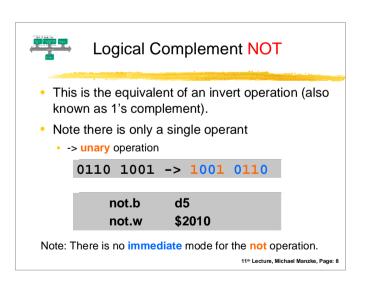








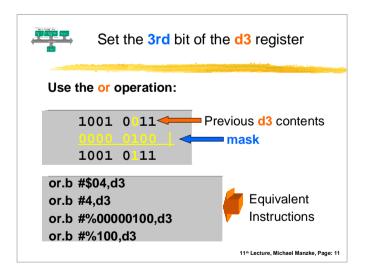


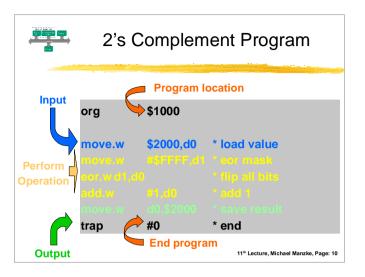


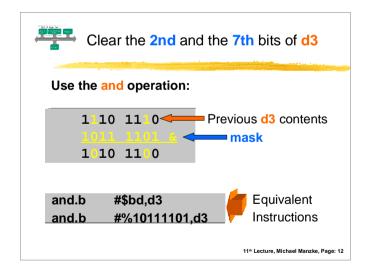


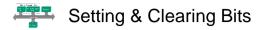
- Write a program to determine the 2's complement binary representation of a word located at \$2000.
- Method:
- Invert the bits and add 1.

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- Use OR for setting bits
- Use AND for clearing bits

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