Section 1.10: More LOL

Tuesday, October 13, 2015 11:57 AM

De Morgan's:

example: use DeMargaris to rewrite:

$$\widehat{B} + C = B \widehat{C}$$

$$\widehat{\overline{B} + \overline{C}} = BC$$

when will we see this in code?

under what conditions does this occur?

in other words, when (x75 and y72)
is TRUE

DiBLOGAVE

$$\begin{array}{rcl}
A(B+C) &=& AB+AC \\
A+BC &=& (A+B)(A+C)
\end{array}$$

examples: rewrite the following using the distributive law:

- (A+B)(A+T) : A+BB
- (3) B+AC = (B+AXB+C)
- (4) AB (B+ E) = AB B + AB E