unsigned char x; 1/255 to 0/241 (1 char x; // 127 to -128 8-28-17

Range for each data type. 0111 1111 1000 0000 $(-1) \Rightarrow 1111 1111$ -24 = -(00011000)11101000 8 bit signed ov 8 bit 2's Comp. +64 => 010000000 overflow L> (-128)/ Overflow indicated by carry in and out of sign bit, not matching. 01/11 1/11/11/11/11/11 000 0000 0000 -32768 -bis.215+biy.214..... 2:60 Alternate Interpretation of 16-bit 2's-Complement numbers.

an and bn p inverse an Logicals anbulandon anlbulan lanbu Equivalent statements

In = In / Mask;

I = Mask, This is short hand for the first statement.