



ampies					
Eight-bit ones' complement			Eight-bit two's complement		
Binary value	Ones' complement interpretation	Unsigned interpretation	Binary value	Two's complement interpretation	Unsigned interpretation
0000000	+0	0	00000000	0	0
0000001	1	1	0000001		1
:	:	:	0000001	· ·	•
01111101	125	125	:	:	:
01111110	126	126	01111110	126	126
01111111	127	127	01111111	127	127
0000000	-127	128	1000000	-128	128
0000001	-126	129	10000001	-127	129
0000010	-125	130	10000010	-126	130
:	:	:	:	:	:
11111101	-2	253	11111110	-2	254
11111110	-1	254	11111111	-1	255
11111111	-0	255			













Right Shifting – Unsigned Numbers

If unsigned numbers, then logical shift (filled with 0).

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unsigned int i = 714; 357 178 89 44 22 11 5 2 1 0

