

Bitwise Operators
In what we've done so far, we've dealt with most data without needing to know exactly how it's represented in terms of 0s and 1s (though knowing a little about that helps you understand limitations and pitfalls).
However, for various reasons it can be useful or even necessary to work with individual bits — e.g., working with image data (where a "pixel" is represented by some collection of *n*-bit fields), or working at a very low level with I/O devices. Some system-specific functions callable from C also take as parameters integers that are the result of combining bits.
So C, like many programming languages, provides operators to allow that ...













Slide 8