Bit manipulation in C

Constants in hexadecimal notation:

```
unsigned a = 0x000f; // a = 15; (32 bits)
```

Printing in hexadecimal format:

```
printf("%x\n", a);
```

Print the bit pattern of an integer

```
printf("%x", i);
```

Example:
```
i = 43
```
output: 2b

Bit operators

<<	Shift bits left, vacated bits are set to zero
>>	Shift bits right, vacated bits are set to zero or to sign bit
&	Bitwise AND
|	Bitwise OR
^	Bitwise exclusive OR
~	Bitwise negation (change every bit)