Cheat sheet stuff

Printing in binary

int binary(int num)

{

printf("This number in binary is ");

unsigned i;

for (i = 1 << (sizeof(num)) - 1; i > 0; i = i / 2)

(num & i) ? printf("1") : printf("0");

printf("\n");

}

Another example of binary print

#define BYTE\_TO\_BINARY\_PATTERN "%c%c%c%c%c%c%c%c"

#define BYTE\_TO\_BINARY(byte) \

(byte & 0x80 ? '1' : '0'), \

(byte & 0x40 ? '1' : '0'), \

(byte & 0x20 ? '1' : '0'), \

(byte & 0x10 ? '1' : '0'), \

(byte & 0x08 ? '1' : '0'), \

(byte & 0x04 ? '1' : '0'), \

(byte & 0x02 ? '1' : '0'), \

(byte & 0x01 ? '1' : '0')