

Lab 4: Bit Manipulation  
Due: March 3rd 11:59pm

**Assignment**

The source file `bitlib.c` contains definitions for several C functions. Your job is to complete each function without using conditional statements, constructs, etc. and without using any loops, library or function calls.

Wait! what? So what can I use.

In the comments above each function, you will find a list of C operators that you are allowed to use for that function, the maximum number # of operators you are allowed to use in the implementation and any other restrictions or permissions.

To compile, use the provided `makefile` generate an executable named `bitfun`

I will evaluate your solution using the `driver.c` and `bitlib.h` files provided with the assignment, so if you make changes to these files be sure that your solution compiles and runs with the files provided with the assignment. There is no sample executable for this assignment - you are on your own!