

## Homework #3 (13 points)

Due, Friday, February 12

These are all exercises from the book. For a couple of them you may find it useful to use the computer. You may talk with your fellow classmates about the problems but your answers should be your own work.

Exercise 1, Page 37 (2 points)

Exercise 1, Page 58 (3 points)

Exercise 12, Page 59 (3 points)

Exercise 1, Page 89 (2 points)

Exercise 6, Page 89 (3 points)

## More on the C compiler

If you have typed a program into the file `makedirs.c`, you can compile this program with the command:

```
% cc makedirs.c
```

which places the executable module produced from the program in the file `a.out`. You can then execute your program by typing:

```
% a.out haha 5
```

However, `a.out` is a rather obscure names and you may find it more useful to store your executable module in the file `makedirs`. To do this, compile your program with the command:

```
% cc -o makedirs makedirs.c
```

Then you can execute your program by typing:

```
% makedirs haha 5
```

There is a “debugger” for C programs. It is called `dbx` and requires some effort to learn to use well.