All C source code must conform to "Kernel Normal Form" (KNF) as documented in **style(9)** on the CS server with the following modifications:

- All source files must begin with an ID block as described below
- All indents must be 4 spaces, no tabs allowed

Code layout should improve the readability and understanding of code. Just like $C++$, you should use single blank lines between logically distinct portions of code and use good names for all identifiers.

Every source file must begin with this ID block.
Obviously, you should replace the contents to the right of each header with your information.

```
/*
 * Name: your name
 * Course-Section: CS105-section #
 * Assignment: project #
 * Date due: 01/01/1980
 * Collaborators: names of collaborators (see collaboration policy)
 * Resources: list of resources utilized
 * Description: a short description of the program's purpose should go here.
 *              The description may take more than one line.
 */
```