

Homework #2 (10 points)

Due, Monday, February 6

Write a program `makefiles` which takes two arguments: the first, a file name prefix P , and the second, an integer n , and then creates n files $P.0$ through $P.n - 1$ each containing the line:

```
I enjoy programming in C.
```

To complete this assignment you will need to use the system calls `open` and `write` and the C library functions `atoi` and `sprintf`.

You will need to use `cc`, the C compiler, to compile your program. By the way,

```
% rm haha.*
```

will remove all files whose names start with `haha`.

Rules of engagement

Turn in a printout of your program.

You must do all the typing required to accomplish this assignment. Any other help is permitted with the following exceptions: (1), you may not copy anyone else's program to complete this assignment, and (2), all notes you bring to the terminal with you must have been written by you.

You may find running your first C program to be painful.