

EECS10 Discussion Week8

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Recursions

- Factorial of “n”.
 - Recursive formula.
 - $f(n) = n * f(n - 1)$ while $n > 1$;
= 1 otherwise.
- The stack frame of the program
 - Hack the code by using “gdb”.
 - Track the control flow of the program.

Homework 7

- A manual driven digital image processing program.
- Using function calls for image inputing / outputing, image processing, and testing.
 - Function declaration, function definition, function call
 - Function parameters, argument.
 - Scope of the variables.
- Two-week assignment. Plan the schedule of your work. Start it early!
 - Week1: Design the user menu. Build up the frame of the operation functions. Try 1~2 operations on the image?
 - Week2: Implement the operations. Test your program?
- Use the web browser to view your image.

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