

## CSc 284 Introduction to Operating Systems

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### RULES FOR PROGRAMMING ASSIGNMENTS

#### A. Programs must

1. contain a program overview at the beginning of the program.  
It must contain a complete description of the program with an absolute minimum of technical jargon
2. execute correctly!  
A program that doesn't execute correctly is not acceptable.
3. be thoroughly tested: it isn't correct unless you can prove it.  
It is not assumed to work correctly unless you can demonstrate that it generates all the expected outputs on a "test input".
4. be well documented: (some, but not all of the requirements)
  1. Program Header
    - + Who wrote this
    - + Which assignment is it
  2. Variables
    - + Well named
    - + Defined
  3. Functions
    - + Define PRE / POST conditions
    - + Define what it does in ONE declarative statement
    - + Define HOW it is done
    - + Define the INPUTS
    - + Define the OUTPUTS
  4. Output Neat / Understandable
  5. Comments Stated in APPLICATION terms - not C++

#### B. Submitted programs must

1. use the script facility to show
  - the source program
  - a log of the execution of the program with complete output
  - a copy of any input files
2. include multiple runs to show correctness under various conditions