Coding/Counting Standard template

Personal Software Process for Engineers

|  |  |
| --- | --- |
| Purpose | To guide the development of programs |
| Counting Standard | * Count each physical line as one LOC. * Do not count blank lines and comment-only lines. * Be consistent about what you put on each physical line. |
| Program Headers | Begin all programs with a descriptive header. |
| Header Format |  |
| Contents | Provide a summary of the contents. |
| Contents  Example |  |
| Reuse Instructions | * Describe how the program is used. Provide the declaration format, parameter values and types, and parameter limits. * Provide warnings of illegal values, overflow conditions, or other conditions that could potentially result in improper operation. |
| Reuse Example |  |
| Identifiers | Use descriptive names for all variables, function names, constants, and other identifiers. Avoid abbreviations or single-letter variables. |
| Identifier Example |  |

Document Markings

Copyright 2020 Carnegie Mellon University. All rights reserved.  
  
This material is based upon work funded and supported by the Department of Defense under Contract No. FA8721-05-C-0003 with Carnegie Mellon University for the operation of the Software Engineering Institute, a federally funded research and development center.  
  
Any opinions, findings and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the United States Department of Defense.  
  
NO WARRANTY. THIS MATERIAL IS FURNISHED ON AN “AS-IS” BASIS WITH NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTY OF FITNESS FOR PURPOSE OR MERCHANTABILITY, ANY WARRANTY WITH RESPECT TO FREEDOM FROM PATENT, TRADEMARK, OR COPYRIGHT INFRINGEMENT, OR THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.  
  
[Distribution Statement A] This material has been approved for public release and unlimited distribution. The United States Government has Unlimited Rights in this material as defined by DFARS 252.227-7013.

The text and illustrations in this material are licensed by Carnegie Mellon University under a [Creative Commons Attribution 4.0 International License](https://creativecommons.org/licenses/by/4.0/).

The Creative Commons license does not extend to logos, trade marks, or service marks of Carnegie Mellon University.