**Coding/Counting Standard Template**

**Luis Angel Daniel Vazquez**

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| 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.   En el activity\_main.xml:   * En el XML que es el diseño. * Conté las líneas de código que son: 115 líneas (sin contar las líneas en blanco ni las de comentarios).   En el MainActivity.java:   * En MainActivity.java que es el código de la clase principal. * Conté las líneas de código que son: 77 líneas (sin contar las líneas vacías o en blanco ni los comentarios).   En total, las líneas de código son:   * activity\_main.xml: 115 líneas * MainActivity.java: 77 líneas |
| 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 |  |

(continued)**Coding Standard Template (continued)**

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| Comments | * Document the code so that the reader can understand its operation. * Comments should explain both the purpose and behavior of the code. * Comment variable declarations to indicate their purpose. |
| Good Comment |  |
| Bad Comment |  |
| Major Sections | Precede major program sections by a block comment that describes the processing that is done in the next section |
| Example |  |
| Blank Spaces | * Write programs with sufficient spacing so they do not appear crowded. * Separate every program construct with at least one space. |
| Indenting | * Indent every level of brace from the previous one. * Open and closing braces should be on lines by themselves and aligned with each other. |
| Indenting  Example |  |
| Capitalization | * Capitalized all defines. * Lowercase all other identifiers and reserved words. * Messages being output to the user can be mixed-case so as to make a clean user presentation. |
| Capitalization Example |  |