**Standard Guide**

N.B. Please feel free to add any other standard

These are the basic rules/standards we will adhere to. This will also help us to have a professional and easy to read code style.

1. **Naming convention**
   * 1. N.B. classes, methods, variables and constants must be descriptive and unambiguous
     2. N.B. constant variable must be uppercase

e.g. the days in the year

int final DAYS\_IN\_YEAR = 365

* + 1. Pascal casing for classes

Capitalize the first letter of each word in a class name

e.g. First letter of every word is uppercase

ComputerArea, Math, and JOptionPane

* + 1. Camel casing methods and variable identifiers

e.g. first letter of the first word is lowercase

userName, accountNumber and physicalAddress

* + 1. Components variable names you always precede with three letters of the component

e.g. button that a user clicks for sending.

btnSend

e.g. text fields that accept name and surname

txtName

txtSurname

e.g. radio buttons for yes or no

rdbYes

rdbNo

1. **Documentation**
   * 1. Please add comments to your methods, variables and classes and be as clear and as concise as possible
     2. Include a summary at the beginning of the program to explain what the program does, its key features, and any unique techniques it uses
     3. Single line comment //text...
     4. Multiple/Paragraph comments /\*...text...\*/
     5. javadoc comments. javadoc comments begin with /\*\* and end with \*/. They can be extracted into an HTML file using JDK’s javadoc command.
2. **Proper Indentation and Spacing**
3. **Block Styles**

A block is a group of statements surrounded by braces. There are two popular styles, *next-line*

*style* and *end-of-line style*.

|  |  |
| --- | --- |
| ***next-line style*** | ***end-of-line style*** |
| public class Test  **{**  public static void main(String[]args)  **{**  System.out.printlnl(“Next line style”);  **}**  **}** | public class Test **{**  public static void main(String[]args) **{**  System.out.printlnl(“end of line style”);  **}**  **}** |

Preferably please use the *end-of-line style*