

CODING CONVENTIONS

- A file consists of sections that should be separated by blank lines and an optional comment identifying each section
- The public class should be the first class or interface in the file.
- The first non-comment line of most Java source files is a package statement. After that, import statements can follow.
- 1 Tab should be used as the unit of indentation. Tabs must be set exactly every 4 spaces (not 8).
- Avoid lines longer than 80 characters, since they're not handled well by many terminals and tools.
- Java programs can have two kinds of comments: implementation comments and documentation comments. Implementation comments are delimited by `/*...*/`, and `//`. Documentation comments (known as "doc comments") are Java-only, and are delimited by `/**...*/`.
- Short comments can appear on a single line indented to the level of the code that follows.
- Documentation Comments, Doc comments describe Java classes, interfaces, constructors, methods, and fields. Each doc comment is set inside the comment delimiters `/**...*/`, with one comment per API.
- One declaration per line is recommended since it encourages commenting.
- Each line should contain at most one statement.
- The enclosed statements should be indented one more level than the compound statements.
- Two blank lines should always be used in the following circumstances:
 - ⇒ Between sections of a source file, between class and interface definitions
- One blank line should always be used in the following circumstances:
 - ⇒ Between methods, between the local variables in a method and its first statement, before a block or single-line, between logical sections inside a method to improve readability.
- A blank space should appear after commas in argument lists.
- The expressions in a for statement should be separated by blank spaces.
- Programming Practices:
 - ⇒ Do not make an instance or class variable public without a good reason
 - ⇒ Avoid using object to access static variables and methods.
 - ⇒ Avoid assigning several variables to the same value in a single statement.
- Miscellaneous Practices:
 - ⇒ It is generally a good idea to use parenthesis in expressions involving mixed operators to avoid operator precedence problems.