1. Four spaces should be used as the unit of indentation.

2. **Line Length**-Avoid lines longer than 80 characters, since they're not handled well by many terminals and tools

3. **Line wrapping**-When an expression will not fit on a single line, break it according to these general principles:

* + Break after a comma.
  + Break before an operator.
  + Prefer higher-level breaks to lower-level breaks.
  + Align the new line with the beginning of the expression at the same level on the previous line.
  + If the above rules lead to confusing code or to code that's squished up against the right margin, just indent 8 spaces instead.

4. **Methods**- No space between a method name and the parenthesis "(" starting its parameter list

## **5.** **Naming Conventions**

**Packages**- The prefix of a unique package name is always written in all-lowercase

**Classes-** First letter of each internal word should be capitalized Ex. Class ImageSprite

**File Name**- same as class

**Interfaces**- same as class

**Methods**- Methods should be verbs, in mixed case with the first letter lowercase, with the first letter of each internal word capitalized. Ex. runFast()

**Variables** - are in mixed case with a lowercase first letter. Internal words start with capital letters. Ex. int myWidth

**Constants**- all uppercase with words separated by underscores. Ex static final int MIN\_WIDTH = 4;

6. When writing code, an extra step of indentation should be done after a parenthesis in the next line. The closing parenthesis should be inline with the first letter of the opening parenthesis line.

7. Open brace "{" appears at the end of the same line as the declaration statement.

REFERENCE-

<https://www.oracle.com/technetwork/java/javase/documentation/codeconventions-137946.html>

<https://www.youtube.com/watch?v=mw7k70c4OHw>