Coding Standard v1.0

- All code should be indented.

  - Declaration of the main() method, other methods and any member data (such as constants) should be indented relative to the class defintion. (See example below).

  - Code within the main method should be indented relative to the method declaration. e.g.:

    ```
    public class Wages {

        public static final int CENTS_PER_EURO = 100;
        public static final int MINUTES_PER_HOUR = 60;

        public static void main(String[] args) {
            String input = JOptionPane.showInputDialog(
                                        "Enter time worked:");
            Scanner scanner = new Scanner( input );
        …
        }
    }
    ```

  - Closing braces for classes and routines should be in line (i.e. indented to the same extent) with the declarations. (See preceding example).

- No line of code should be longer than the screen and page width
  - Longer lines should be split over multiple lines with the 2nd and subsequent lines indented further than the 1st line.

    ```
    String input = JOptionPane.showInputDialog(
                                "Enter time worked:");
    ```

- Constant values should be declared as constants using the **final** declaration.

    ```
    final int KING = 13;
    ```

- All names (for variables, constants, etc.) must be self explanatory.

    ```
    int currentCard;
    ```

- Naming conventions

  - Constants should be ALL_CAPTIALS_WITH_UNDERSCORES

    ```
    final int OLD_POUNDS_TO_OLD_SHILLINGS = 20;
    ```

  - Local variables should be in mixed case (known as lowerCamelCase)

    ```
    int previousCard = KING;
    ```