# ANALYZING THE CONVENTIONAL STANDARD OF JAVA CODE AND ORGANIZING THE CODE TO OBTAIN CONVENTIONAL STRUCTURE WITH STANDARDS AND REPORT THE RATINGS OF THE CHANGES WITH AVAILABLE METRICS

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## ABSTRACT

This program helps to analyze the java code so as to check whether it has reached its conventional standards or t is in conventional structure. The program checks all part of the coding so as to enable to meet the standard. The program makes sure that the java code is in the conventional standard. That is, all naming must be done to variables,, methods, classes and packages. Makes sure indents are arranged properly, and also it gives the total number of line i.e. in terms of empty lines, comments lines and code lines. The program is transformed in to a system that can perform tasks, when any java code is input, it then Analyze and identify its parts – modifiers, all names, data types, blocks, controls. It can also recognize the shortfalls (i.e. check for empty line, alignment of the code block, whether there are comment lines or not, check whether the class name is written with a small letter). It can also provide the structure at options (i.e. an option to ask the user if comment lines should be added or not). It can also search for Search for improvement rating (i.e. check the number of things that are added to the code), it then refer to the adjusted code and report the changes graphically. Recognize metrics applicable to check reusability. Improvement over standard of structure with proportional metrics is evaluated. Any other metrics for reusability concept can be applied to study the OO principles.