

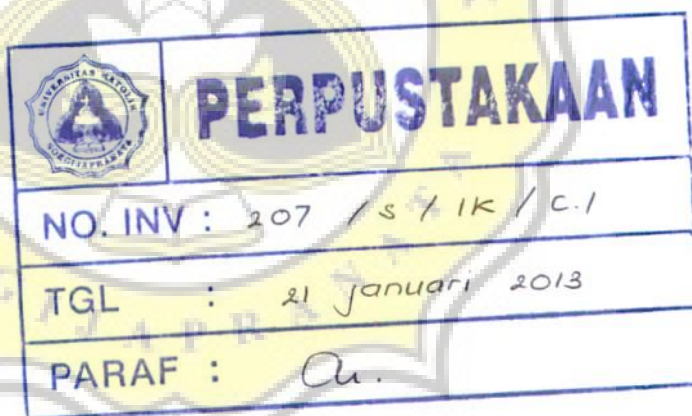


PROJECT REPORT  
**BUILD A SIMPLE C COMPILER  
USING JAVA**

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09.02.0002

2013



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**USING JAVA**

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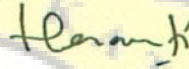
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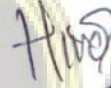
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Semarang, January 10<sup>th</sup> 2013

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## FOREWORD

Big thanks to God for His bless and grace, so the writer could finished this project with title “Build a Simple C Compiler Using Java”. In this opportunity writer would thanks to:

1. My mother Yuniani Silviana and my older sister Nila Shanti, who always support me and encourage me to finish this project
2. Mrs Rosita Herawati as my supervisor for guide me while I made this project, and also Mr. Suyanto EA.,Ir.M.Sc who gave me idea about this project.
3. All lecturers in Faculty of Computer Science
4. All of my friend who always support me when I made this project.

Finally, writer apologizes if there are still many shortcomings in this project. Hopefully this project can be useful.



Semarang, January 10<sup>th</sup> 2013

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## ABSTRACT

A compiler is a computer program (or set of programs) that transforms source code written in a programming language (the source language) into another computer language (the target language, often having a binary form known as object code).

This program provide C tutorial that contains 3 type of tutorial : basic print words, variable and loop. The compiler execute the source code and do some checking on source code syntax. To compile and checking the C language this program use Java language. The result of this program are the details results of parsing algorithm and also final result of the source code.

*Keyword : C Compiler, JSP, Java, parsing*



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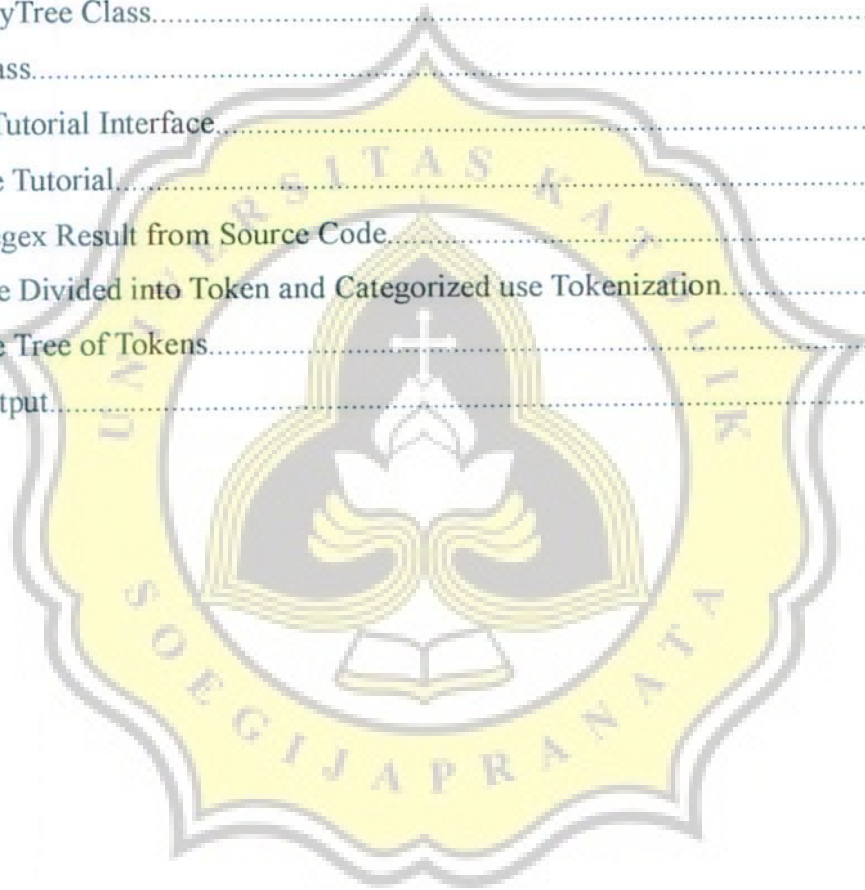
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