

CMPUT 415 - Project Checkpoint 1

Program Documentation

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The man page is available by typing *make man*

Introduction

The goals for this checkpoint are to have a functional compiler 'shell'. That is, it must be able to parse a program listing and report on any errors in the program in a way that is meaningful to the user so that corrective action may be taken. It must also recover from each error in such a manner that further reporting of errors is possible, up until the end of the program listing.

Handling of Lexical Units

Our lexer parses tokens in the following order: first, all single and multi-line comments are parsed, followed by reserved *pal* keywords, then numbers and variable names. Relational operators and other lexical units are parsed last. Any remaining unparsed tokens are presumed invalid, and the grammar handles reporting the error accordingly.

Syntax Error Reporting & Recovery

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Problems

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