German University in Cairo
Department of Computer Science
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Advanced Computer Lab, Spring Term 2014
Problem Set 4

Discussion: March 15 to April 5

Exercise 4-1   Manual Syntactic Analyzer

In this part, you are required to create a syntactic analyzer for the Java-Like programming language. The syntactic analyzer, or parser, will read the tokens returned from the lexical analyzer and check whether it follows the grammar of the language or not. The parser would fetch the tokens using one of the lexical analyzers you implemented previously (manual or JLex). The parser will return true if the file was parsed successfully and false otherwise (errors are not to be reported in this part).