

Programming Project 2: Lexical Analysis(Scanner)

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Objective

In this programming project, you will get your compile by implementing the automated lexical analyzer by using **Flex**. For this specific task of the frontend, you will use Flex, C++ language to create a scanner for the Java/C++ or your own programming language. Your scanner will transform the source file from a stream of bits and bytes into a series of meaningful tokens containing information that will be used by the later stages of the compiler.

Deliverables

You are to submit your entire project using and electronic submission and hard copy or your language designing process. Be sure to include your **README** file, which is your chance to explain your design decisions and why you believe your program to be correct and robust, as well as describe what to expect from your submission and its error handling. Technical Project report will be required at the end of the project.

Complete bundle should contain *specification file*, input characters (c/c++ or java), screen shot of running program (each steps)

Due: 20-07-2018

Note: YOUTUBE link for flex tutorial
https://www.youtube.com/watch?v=Al-jwky_mqM