CS323 Documentation
About 2 pages

1. **Problem Statement**
   convert the parsed code from assignment 2 into assembly code with assembly instructions which result in an out put of a symbol table and an instructions table.

2. **How to use your program**
   1. download zip folder on to desktop
   2. unzip folder
   3. open folder in code editor
   4. open terminal and run commands
   5. "cd Desktop"
   6. "cd CPSC323-project3-main/"
   7. "clang++ -std=c++11 main.cpp Lex.cpp Par.cpp -o main"
   8. execute with ,/main
   9. enter input file and output is in output.txt

3. **Design of your program**
   data structures:
   array
   2d array
   3 finite state machines
   top down parser
   assembly instructions

4. **Any Limitation**
   gives errors when variables are assigned to numbers
   works better if assigned other variables.
   does not block out comments

5. **Any shortcomings**
   none