COVER PAGE

CPSC323 Assignment 3

Yong Kim

Due Dates: **05/10/2019**
Turn-In Dates: 05/10/2019
Executable FileName: TDP
FileName : TDP_YKim_3.cpp
Operating System : Tuffix

To be filled out by the Instructor:

GRADE:

COMMENTS:

CS323 Documentation

1. ## Problem Statement
   implementing additional functionality/production rules to your syntax analyzer
   b) the If-Else selection statements
      the While looping statements
      the Declarative statements for int and bools
   d) implementing a predictive TDP parser using a table and stack

2. ## How to use the program
   Usage :
   1) In terminal, move to the directory of executable file and input file
   2) Compile with "g++ TDP_Ykim_3.cpp -o TDP"
   3) In command line "./TDP InputfileName.txt"
   4) In the same folder, the program will make a new "output.txt" file

3. ## Design of the program
   Main role of each parts :
   Read and write file : Donghao Feng
   Flow Design : Yong Kim
   Table Design : Yong Kim
   Program Test : Yong Kim

4. ## Any Limitation
   "If statement" and "while statement" cannot have multiple instructions. Also they
   cannot have curly blankets, '{,' and '},' which indicates the lines infected by them.
   Only integer can be declared.

5. ## Any shortcomings
   When I designed the "parser" function, it was made poorly. I should have made
   with better modulization. Now, the program is difficult to read and modify.