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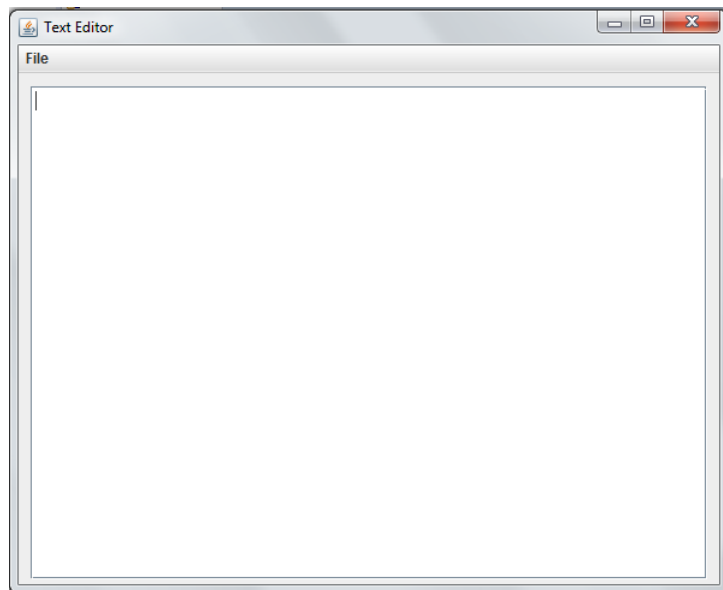
CMPT440-200

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Purpose

The purpose of this program is to create a text editor that changes the color of expressions as they are typed. It is intended for users who would need to use text editors where they would like certain expressions to be colored a certain way.

Main Screen:



This is the main screen. The purpose of the main screen is to input text for the text editor to change to a specific color based on the input. There is a large TextPane to fit as much text as

the user needs and will expand with a ScrollPane if necessary. Across the top there is a file menu containing many useful functions.

The TextPane will change to colors based on these inputs:

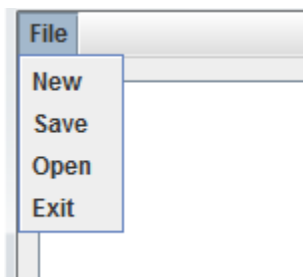
Variable declarations input as “var” Identifier where an identifier is any letter from a to z will change to **YELLOW**.

Print expressions input as “print(Expression)” where an expression can be an Integer, CharList, or Identifier will change to **BLUE**.

Assignment statements input as “Identifier = Expression” will be changed to **PURPLE**.

Comments input as “*- CharList-*” will be changed to **GREEN**.

File Menu:



The purpose of the file menu is to offer the user options to alter their current textfile in any way.

The current functions are the New, Save, Open, and Exit functions.

The New function will clear the contents of the TextPane and give the user a new file.

The Save file will save the current contents of the TextPane to a user specified name and destination.

The Open function will load a file into the TextPane based on the user's choice of file on the computer.

The Exit function will terminate the program.