Assignment 2

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Implementation Notes:
EditorWindow will be main class, and the other groups can use the File class for testing their functions. EditorWindow will be derived from JFrame in Java. EditorDialog will be derived from JFileChooser in Java. File class will have every method needed to manipulate the files users will open, and use a generic type for the ArrayList which will contain the data in the file. The File class will be abstract, and extended to implement different file types, shown in the diagram as examples (TextFile and ShellFile).

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Implementation Notes:

EditorWindow will be main class, and the other ... for testing their functions. EditorWindow will be derived from JFrame to ... selected from JFileChooser to ... . File class will have a only method needed to know ... the filesaves will open, and use a generic type for the ArrayList which will contain the data in the file. The File class will be abstract, and extended to implement different file types, shown in the diagram as examples (TextFile and ShellFile).

FileTest
+main()

EditorWindow
+main()

File
+getItem()
+readFromDisk()
+storeOnDisk()
+getItem()
+insertItem()
+replaceItem()
+getNumItems()
+removeItem()
+verifyItem()

EditorDialog
-extensions : ArrayList
+openFileDirectory()

ShellFile
-fileType : String
-extension : String
+getLine()
+search()
+commentLine()

TextFile
-fileType : String
-extension : String
+getLine()
+search()
+searchAndReplace()
+setLine()