

CS 181 – Fall 2002
OUTLINE OF PROJECT #3
Due Dec 6, 11:59pm

Implement interpreter for SimpleSem with GUI

The following changes to Project 2 need to be made:

1. There should be a File menu, which includes the New, Open, Save, Save As and Exit menu options:
 - a. The New option creates a set of new (empty) data and code files (checking first if the current code and data files (if present) need saving). The program starts with a set of empty code and data files.
 - b. The Open option opens the code file *.cde and (optionally, if it exists) the data file *.dta. File extensions must be as specified (checking first if the current code and data files (if present) need saving).
 - c. The Save option saves the current code *.cde and the data file *.dta.
 - d. The Save As allows you to select the new name and location for these files.
 - e. Exit exits the program (checking first if the current code and data files (if present) need saving).

2. Additional syntax rule for variables:

Basic \rightarrow fp(Basic) , where fp stands for the frame pointer.

3. Two additional buttons:
 - a. Edit Code : Opens an edit window which allows you to make arbitrary changes to the code segment currently displayed.
 - b. Edit Data : Opens an edit window which allows you to make arbitrary changes to the data segment currently displayed.